Environnement Canada Environment Canada

Sommaire chronologique des niveaux d'eau

Québec

Historical Water Levels Summary

JUSQU'À/TO **1990**

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
RÉGION DU QUÉBEC
QUANTITÉ ET QUALITÉ DE L'EAU
LONGUEUIL (QUÉBEC)
CANADA, 1992

INLAND WATERS DIRECTORATE
QUEBEC REGION
WATER QUANTITY AND QUALITY BRANCH
LONGUEUIL, QUEBEC
CANADA, 1992

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1992

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1992

92-06871/

Imprimé sur du papier à base de matériels récupérés

Printed on paper that contains recovered waste

Publié avec l'autorisation
du ministre de l'Environnement

Published by authority of
the Minister of the Environment

©Ministre des Approvisionnements et Services Canada 1992
N° de cat. En 36-409/9-1990
ISBN 0-662-58968-8

©Minister of Supply and Services Canada 1992
Cat. No. En 36-409/9-1990
ISBN 0-662-58968-8

AVANT–PROPOS

La Division des relevés hydrologiques du Canada sous l'autorité du Directeur de la Direction des ressources en eau, ministère de l'Environnement (Ottawa) a préparé la présente publication en collaboration avec la Direction régionale des eaux intérieures, région du Québec.

Le Directeur régional de la région du Québec, Direction générale des eaux intérieures, a autorisé la cueillette et la compilation des données de base et ce sous direction du Chef des programmes de la quantité et de la qualité de l'eau, à Longueuil (Québec).

On remercie vivement les organismes fédéraux, provinciaux, ou autres, pour la coopération qu'ils ont apportée.

PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment (Ottawa) in collaboration with the Quebec Region, Inland Waters Directorate.

The basic data were collected and compiled under the authority of the Regional Director, Quebec Region, Inland Waters Directorate, and under the direction of the Chief of the Water Quantity and Quality Programs Branch at Longueuil, Quebec.

The co-operation received from federal and provincial agencies and from other organizations is gratefully acknowledged.

TABLE DES MATIÈRES

	PAGE
Avant-propos	iii
Introduction	iv
Organisation de la Direction générale des eaux intérieures, région du Québec	v
Historique des relevés hydrologiques au Québec	vi
Coopération et remerciements	vii
Équivalences des unités de mesure	viii
Publication des données sur les eaux de surface et les sédiments	ix
Explication du *Sommaire chronologique des niveaux d'eau*	
Description générale	xi
Présentation sous forme de tableaux des données	xi
Révisions	xiii
Exactitude des données hydrométriques	xiii
Microfiche	xiii
Données sur les niveaux d'eau – Stations de jaugeage énumérées dans l'ordre alphabétique	1
Index alphabétique	225
Index numérique des stations	229

CONTENTS

	PAGE
Preface	iii
Introduction	iv
Organization of the Inland Waters Directorate, Quebec Region	v
History of the Water Survey in Quebec	vi
Co-operation and Acknowledgments	vii
Equivalents of Measure	viii
Publication of Surface Water and Sediment Data	ix
Explanation of Historical Water Levels Summary Publication	
General Description	xi
Method of Tabulation of Data	xi
Revisions	xiii
Accuracy of Hydrometric Data	xiii
Microfiche	xiii
Water Level Data, Gauging Stations in Alphabetical Order	1
Alphabetical Index	225
Station Number Index	229

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente un sommaire des moyennes mensuelles et annuelles des niveaux d'eau et des extrêmes annuels de lacs et de cours d'eau du Québec, pour lesquels la Division des relevés hydrologiques du Canada a obtenu des données jusqu'en 1990 inclusivement. La présente publication annule toutes les éditions antérieures.

La cueillette et la publication de données sur les eaux de surface sont en oeuvre depuis plus de 75 années au Canada. Les données obtenues à partir des relevés hydrométriques sont publiées annuellement.

On peut se procurer les données sur les niveaux d'eau sous forme de cartes perforées ou de rubans magnétiques pour traitement sur ordinateur. En s'adressant aux endroits ci-après, on peut obtenir ces données, des renseignements supplémentaires sur certaines stations particulières et divers relevés ainsi que des données récentes non encore publiées:

Chef, Division des programmes de la quantité et de la qualité de l'eau
Ministère de l'Environnement
2e étage
1001, rue Pierre Dupuy
Longueuil (Québec)
J4K 1A1
(514 646-1035)

ou au Directeur, Relevés et systemes d'information, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents a summary of monthly and annual mean water levels and annual extremes of water levels for lakes and rivers in Quebec for which water level data to 1990 inclusive have been collected by the Water Survey of Canada. This edition supersedes all previous editions.

A program for the collection and publication of Surface Water Data has been carried on across Canada for over 75 years. The results of these hydrometric survey investigations have been published annually.

Water level data are available on punched cards or magnetic tape for computer processing. These data and details on individual stations and related records, as well as recent data which have not yet been published may be obtained upon application to:

Chief, Water Quantity and Quality Programs Branch,
Department of the Environment,
2nd Floor,
1001 Pierre Dupuy Street,
Longueuil, Quebec.
J4K 1A1
(514 646-1035)

or to the Director, Surveys and Information Systems Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098)

ORGANISATION DE LA DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES, RÉGION DU QUÉBEC

L'organisation du ministère de l'Environnement est largement décentralisée. La planification et la gestion des eaux et les programmes de gestion des données sont administrés par la Direction générale des eaux intérieures, Conservation et protection.

La Direction des eaux intérieures, région du Québec, est composée de deux éléments principaux. Les responsabilités de la Direction de la planification et de la gestion des eaux comprennent la réalisation d'études intégrées de bassins versants et la coordination d'études conjointes avec les autorités provinciales, tant au niveau de la régularisation des eaux et du contrôle des inondations, que de la gestion de la qualité; la Direction participe de plus à l'aménagement des ressources en eau sur les territoires fédéraux, et à l'évaluation des incidences environnementales des projets sous la responsabilité de ministères ou d'organismes fédéraux.

Le deuxième élément, la Division des programmes de la quantité et de la qualité de l'eau, s'occupe principalement de la cueillette et de la publication des données hydrologiques de base, des études de la qualité des eaux et de l'analyse des échantillons d'eau aux laboratoires Capitaine Bernier de Longueuil.

La Direction des eaux intérieures, région du Québec, est impliquée dans la coordination de plusieurs programmes de planification, de gestion, d'utilisation et d'aménagement des eaux en quantité et en qualité au Québec. Des activités comprennent d'incidence des pluies acides, les évaluations environnementales, la gestion de la qualité des eaux, la réduction des dommages causés par les inondations et la gestion des eaux limitrophes internationales. Le Ministère accorde aussi des subventions à la recherche aux universités et aux industries.

Pour obtenir des renseignements supplémentaires sur les programmes des activités énoncées, il suffit de s'adresser au:

Directeur régional
Direction générale des eaux intérieures
Conservation et protection
Ministère de l'Environnement
1141, route de l'Eglise, 8^{e} étage
Case postale 10,100
Sainte-Foy (Québec)
G1V 4H5
(418 648-3921)

ORGANIZATION OF THE INLAND WATERS DIRECTORATE, QUEBEC REGION

The organization of the Department of the Environment is largely decentralized. Water planning and management and data programs are administered by the Conservation & Protection, Inland Waters Directorate.

The Quebec Region, Inland Waters Directorate, comprises two major components. The main responsibilities of the Water Planning and Management Branch with provincial authorities dealing with the regulation of water levels, flood control and water quality management. The Branch is also involved in the management of water resources on federal lands and in environmental impact assessment studies on projects conducted by federal departments or agencies.

The second component, the Water Quantity and Quality Programs Branch, is mainly responsible for collecting and publishing hydrological base data, monitoring water quality and analyzing water samples at the Capitaine Bernier laboratories in Longueuil.

The Quebec Region, Inland Waters Directorate, is involved in the co-ordination of several water quality and quantity planning, management, utilization and development programs in Quebec. Activities include acid rain assessment, environmental evaluation, water quality management, flood damage reduction and management of international boundary waters. The Department also issues research grants to universities and private industry.

For additional information on the programs of the activities listed above, please contact the:

Regional Director,
Inland Waters Directorate,
Conservation & Protection,
Department of the Environment,
1141, route de l'Eglise, 8th Floor,
P.O. Box 10,100,
Sainte-Foy, Quebec.
G1V 4H5
(418 648-3921)

HISTORIQUE DES RELEVÉS HYDROLOGIQUES AU QUÉBEC

Le ministère québécois des Terres et Forêts a effectué les relevés hydrométriques entre 1906 et 1912, et à compter de 1913, c'est la Commission des eaux courantes qui s'en est occupée. Conformément à une entente de coopération fédérale-provinciale mise en vigueur le 1er octobre 1922, les relevés hydrométriques effectués dans la province de Québec ont été confiés à des organismes fédéraux. Le 1er avril 1964, le ministère de l'Environnement du Québec est devenu responsable de la conduite des relevés hydrométriques portant sur la majorité des cours d'eau du Québec. La Division des relevés hydrologiques du Canada continue depuis, l'exploitation d'un réseau de stations hydrométriques fédérales dans l'intérêt de la navigation, sur les eaux interprovinciales et sur les eaux internationales.

Le Canada et le Québec ont signé un accord prenant effet le 1er avril 1975, relativement au financement de la cueillette des données hydrométriques effectuée par le ministère de l'Environnement du Québec. Selon les termes de cet accord, le gouvernement fédéral assume la totalité des frais de cueillette des données sur les niveaux et débits aux stations jugées d'intérêt fédéral, alors que dans les cas des stations d'intérêt mutuel, les frais sont partagés de façon égale avec la province.

Le ministère de l'Environnement du Québec publie pour chaque année hydrologique (octobre à septembre), les données recueillies par la Direction générale des Eaux de leur réseau de stations hydrométriques.

À chaque année, la Direction des Inventaires du ministère de l'Environnement publie aussi un *Répertoire hydrologique* contenant des répertoires météorologiques, hydrométriques et de la qualité des eaux. Pour plus amples renseignements sur les réseaux de stations exploités par la province, il faut communiquer à la source d'information suivante:

Le Directeur
Direction des relevés aquatiques
Ministère de l'Environnement du Québec
3900, rue Marly, 5e étage
Boîte postale 39
Sainte-Foy (Québec)
G1X 4E4

Pour tous renseignements relatifs aux niveaux et débits des cours d'eau, il suffit de s'adresser au:

Chef
Service des eaux de surface
Ministère de l'Environnement du Québec
2345, rue Dalton
Sainte-Foy (Québec)
G1P 3S3

HISTORY OF WATER SURVEYS IN QUEBEC

Between 1906 and 1912, hydrometric surveys were carried out by the Quebec Department of Lands and Forests; in 1913, the surveys were taken over by the *Commission des eaux courantes* (Waterways Commission). Under a co-operative federal-provincial agreement effective October 1, 1922, the province of Quebec was included in hydrometric surveys carried out by federal agencies. On April 1, 1964, the *ministère de l'Environnement du Québec* became responsible for conducting hydrometric surveys on most of the watercourses in the province. The Water Survey of Canada Division continues to operate a network of strictly federal hydrometric stations in the province in the interest of navigation in interprovincial and international waters.

Under a federal-provincial agreement that went into effect April 1, 1975, Canada and Quebec signed an agreement on the collection of hydrometric data by virtue of which the *ministère de l'Environnement du Québec* will collect most data on water levels and flows in the province and the federal government will reimburse Quebec the cost of collecting those data which are of interest to the Federal government, and share the cost of those stations of mutual interest.

The *ministère de l'Environnement du Québec* publishes, for each hydrological year (October to September) the data collected by the *Direction générale des Eaux* from their network of hydrometric stations.

Each year, the *Direction des Inventaires du ministère de l'Environnement* also publishes a hydrological index containing meteorological, hydrometric and water quality indexes. For further information on provincially-operated station networks, please contact the following:

Director,
Direction des relevés aquatiques,
Ministère de l'Environnement du Québec,
3900 Marly Street, 5th Floor,
Postal Box 39,
Sainte-Foy, Quebec.
G1X 4E4

For information on water levels and flows, please contact:

Chief,
Surface Waters Branch,
Ministère de l'Environnement du Québec,
2345 Dalton Street,
Sainte-Foy, Quebec.
G1P 3S3

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La présente publication renferme les données sur les niveaux d'eau annuels enregistrés au réseau de mesure des marées et des niveaux d'eau sur le fleuve Saint-Laurent en amont du lac St-Pierre, au Québec. Ces données sont recueillies et préparées en vertu d'un protocole d'entente conclu entre le Service de la conservation de l'environnement et les Sciences et levés océaniques. Ce protocole reconnaît que les deux parties sont tenues de recueillir et de publier des données sur les niveaux d'eau pour leurs propres besoins de gestion des eaux et de navigation. À cette fin, la Direction des ressources en eau exploite et entretient les jauges appartenant au Service hydrographique du Canada, tandis que la Direction des services des données sur le milieu marin des Sciences et levés océaniques s'occupe de la préparation des données. Avant 1981, le Service hydrographique du Canada a compilé et publié ces données dans le cadre d'une série annuelle intitulée: «Niveaux d'eau: Moyennes journalières», série qui continuera de paraître pour les stations situées en aval du lac St-Pierre, sur le Saint-Laurent, et sur les côtes maritimes.

La Division des relevés hydrologiques du Canada est redevable à maints organismes de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques.

On trouvera les noms des organismes dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Les noms des organismes qui ont fourni des données apparaissent dans la présente publication sous les stations particulières.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

This publication includes the annual water level data for the Tides and Water Level Network in Quebec on the St. Lawrence River upstream of Lac St. Pierre. These data are collected and prepared under a Memorandum of Understanding between the Environmental Conservation Service and Ocean Science and Surveys. This memorandum recognizes the need for both parties to collect and publish water level data for their respective needs of management of the water resources and navigation. Under the memorandum the Water Resources Branch operates and maintains the water level gauges owned by the Canadian Hydrographic Service and the data are prepared by the Marine Environmental Data Services Branch of Ocean Science and Surveys. The data prior to 1981 were compiled and published by the Canadian Hydrographic Service in an annual publication series entitled "Water levels, Daily Means" which will continue for the stations downstream of Lac St. Pierre on the St. Lawrence and on the marine coasts.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to many organizations.

The names of these organizations are given in the Surface Water Data Reference Index and the annual Surface Water Data publications. The names of agencies which have contributed data for publication are identified herein under individual stations.

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations

sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

EXPLICATION DU *SOMMAIRE CHRONOLOGIQUE DES NIVEAUX D'EAU*

A. Description générale

On trouve les renseignements descriptifs pour une station des relevés des niveaux d'eau, sous l'extrait des moyennes mensuelles et annuelles. Il s'agit de la latitude et de la longitude; de la superficie du bassin versant; du débit reconnu comme naturel ou régularisé (on indique l'année où la régularisation a débuté, si elle est connue); des stations internationales de jaugeage et des noms des organismes ayant fourni des données ainsi que des précisions sur les conditions spéciales qui prévalaient à la station (elles figurent dans les «Remarques»).

On trouvera également ces renseignements descriptifs (sauf les «Remarques») dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Cependant, ces dernières traitent d'information additionnelles telles que du type de jauge, de la période d'enregistrement et d'autres remarques pertinentes. Les données historiques sur les niveau d'eau, qui sont contenues dans la présente publication, sont subdivisées en ordre alphabétique selon les provinces ou les territoires comme pour les publications annuelles des *Données sur les eaux de surface*. Par contre, le *Sommaire chronologique des niveaux d'eau* contient des données non seulement de stations en opération, mais aussi de stations qui ne le sont plus; aucune donnée sur le débit n'est toutefois fournie. Cette publication paraîtra tous les deux ans et portera sur les données de toutes les stations de relevés des niveau d'eau pour toute la période d'enregistrement plutôt que sur les données qui ne couvrent que les deux années.

B. Présentation sous forme de tableaux des données

Pour les stations où on a effectué un relevé systématique des niveaux d'eau, les données suivantes sont présentées pour la période d'enregistrement allant jusqu'en 1990 inclusivement:

1. Un extrait des moyennes mensuelles et annuelles;
2. Un tableau des valeurs annuelles maximales instantanées;
3. Un tableau des valeurs quotidiennes maximale et minimale annuelles;
4. Un tableau des valeurs extrêmes enregistrées pour toute la période d'observation;
5. Le plan de référence auquel les niveaux d'eau sont reportés.

Les symboles normalisés donnés ci-après sont inscrits à côté des niveaux d'eau quotidiens auxquels ils se rapportent. Les symboles ne sont fournis ni avec les niveaux d'eau moyens mensuels, ni avec les niveaux d'eau moyens annuels, mais ils paraissent avec les valeurs appropriées, c'est-à-dire la valeur instantanée maximale annuelle et les valeurs quotidiennes maximale et minimale annuelles:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne quotidienne pour l'année en question. Toute station peut comporter diverses périodes où les relevés sont effectués soit à partir d'une jauge enregistreuse, soit à l'aide d'une jauge manuelle. Pour obtenir d'autres renseignements sur le genre de jauge qui a servi lors de la période d'observation, il faut consulter l'*Index de référence des données sur les eaux de surface*.

EXPLANATION OF HISTORICAL WATER LEVELS SUMMARY PUBLICATION

A. General Description

Descriptive information about a gauging station is given herein below the table of monthly and annual mean water levels. This refers to such items as latitude and longitude, drainage area and whether the flow is natural or regulated (the year that regulation began is given, if known); International Gauging Stations are identified and the names of co-operating agencies who supply data are given; unusual conditions are explained under "Remarks".

This descriptive information (except the "Remarks" statement) is also given in the Surface Water Data Reference Index and the annual Surface Water Data publications. However, these two publications contain additional information not given herein such as the type of gauge, period of record and other pertinent remarks. Historical water level data as contained herein are published by province or region and also in alphabetical order as in the annual Surface Water Data publications. However, the Historical Water Levels Summary publications contain data for both active and discontinued water level stations and do not contain any discharge data. These publications will be published every two years and will contain data for all water level stations for the entire period of record not just the data for the intervening two years.

B. Method of Tabulation of Data

For gauging stations where systematic water level data have been obtained, the following are given for the period of record to 1990 inclusive:

1. Summary of monthly and annual mean water levels;
2. Annual maximum instantaneous water levels;
3. Annual maximum and minimum daily water levels;
4. Identification of the extreme recorded for the period of record;
5. Datum to which water levels are referred.

The following standard symbols are used opposite the daily stage to which they apply. These symbols will not appear opposite the monthly and annual mean water levels, but will appear with the annual maximum instantaneous value and the annual maximum and minimum daily values, if applicable:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge during that particular year. A station may have several periods of recording or manual gauges throughout its history. For more details concerning the type of gauge operated during the period of record, the *Surface Water Data Reference Index* should be consulted.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

R – Révisé – indique qu'il y a eu révision, correction ou addition à la base des données chronologiques des après le 1er janvier 1988.

1. *L'extrait des moyennes mensuelles et annuelles* (The summary of monthly and annual mean water levels) donne:

   (a) la moyenne mensuelle, exprimée en mètres, des valeurs quotidiennes des niveaux d'eau pour le mois entier. Pour les stations où on n'a mesuré les niveaux d'eau quotidiens que pour une partie du mois, les données paraissent dans les publications annuelles ou peuvent être obtenues du chef régional;

   (b) la moyenne annuelle, en mètres, pour les stations où on a obtenu des relevés quotidiens pour une année entière;

   (c) la moyenne de toutes les moyennes mensuelles;

   (d) la moyenne de toutes les moyennes annuelles.

2. *Le tableau des valeurs annuelles maximales instantanées* (The annual maximum instantaneous water level), exprimées en mètres, est fourni pour toute année où des données sont disponibles. La majorité des stations munies de jauges enregistreuses détiennent ces données. Elles peuvent également être évaluées à partir du niveau des hautes eaux ou d'un graphique illustrant les niveaux quotidiens.

3. *Le tableau des valeurs quotidiennes minimale et maximale annuelles* (The annual maximum and minimum daily water levels), exprimées en mètres, donne les valeurs pour les stations où on a fait des relevés quotidiens pour une année entière, les valeurs sont fournies si elles sont valables pour l'année en cause.

4. *Le tableau des valeurs extrêmes enregistrées pour toute la période d'observation* (The extreme recorded for the period of record) est indiqué par un astérisque et est compris avec les valeurs annuelles maximales instantanées et les valeurs quotidiennes minimale et maximale annuelles.

5. *Le plan de référence auquel les niveaux d'eau* sont reportés est fourni à la suite de l'extrait des moyennes mensuelles et annuelles et du tableau des valeurs extrêmes. Si les niveaux d'eau ont trait à un deuxième plan de référence, ce dernier est également indiqué même que la constante de conversion.

   Il arrive que les relevés des niveaux d'eau effectués à une station s'appliquent à plus d'une période d'observation de sorte qu'ils ne peuvent être reportés à un même plan de référence. En pareil cas, le plan de référence auquel les niveaux d'eau sont reportés est fourni pour chacune des périodes d'observation et un message imprimé à la suite des tableaux indique que les niveaux d'eau ont trait à plusieurs plans de référence différents.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

R – Revised – indicates that a revision, correction or addition has been made to the historical data base after January 1, 1988.

1. *The summary of monthly and annual mean water levels* gives:

   (a) the monthly mean in metres for each month for which there is a complete month of daily water levels. Records of daily water levels for partial months, if obtained, are published in annual publications or are available from the Regional Chief;

   (b) the annual mean water level in metres if there are daily water levels for the complete year;

   (c) the mean of all the monthly means;

   (d) the mean of all the annual means.

2. *The annual maximum instantaneous water level* in metres is given for each year if available. This figure is usually available if the station is equipped with a recording gauge. It may also be estimated from high water marks or from a graph of observed water level readings during the day.

3. *The annual maximum and minimum daily water levels* in metres are given for each year where daily water levels have been obtained for the entire year or where they are considered to be valid for the year even though some daily water levels are missing.

4. *The extreme recorded for the period of record* is identified by an asterisk within the table of annual maximum instantaneous, maximum daily and minimum daily values.

5. *The datum to which the water levels are referred* is shown following both the "Summary of Monthly and Annual Mean Water Levels" table; and the "Annual Extremes of Water Levels" table. If the water levels are referenced to a second datum, this datum is also shown with the conversion factor.

   Occasionally, the water level records at a station are collected for two or more periods for which the water levels cannot be referenced to a common datum. In this case, the datum to which the water levels are referred is shown following each period, and a message is printed at the bottom of the tables, indicating that the water levels are referred to several unrelated datums.

ABITIBI (LAC) - STATION NO. 04MA004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1946	---	---	---	---	---	---	---	---	---	---	264.63	264.55	---	1946
1947	---	---	---	---	---	265.56	265.28	265.08	264.91	264.83	264.56	264.34	---	1947
1948	---	---	---	---	265.00	265.25	265.10	264.91	264.76	264.42	264.24	264.19	---	1948
1949	264.06	263.95	263.97	264.25	265.07	265.38	265.40	265.12	---	264.72	264.55	264.39	---	1949
1950	264.24	264.07	264.08	264.23	264.68	265.41	265.41	265.18	264.97	264.78	264.95	265.09	264.76	1950
1951	264.85	---	264.21	---	265.40	---	265.39	265.10	264.79	264.78	265.10	265.27	---	1951
1952	265.14	265.01	264.47	264.57	265.38	---	265.38	---	265.21	265.11	265.06	265.12	---	1952
1953	264.81	264.60	264.33	264.61	265.05	265.27	265.03	264.78	264.75	264.79	---	264.76	---	1953
1954	264.61	264.44	264.14	264.39	265.12	265.35	265.38	265.34	---	265.43	265.42	265.22	---	1954
1955	264.94	264.61	264.18	264.45	265.05	265.03	---	264.45	---	264.28	264.60	264.57	---	1955
1956	264.43	264.28	264.07	264.22	264.83	265.36	---	265.11	264.98	265.00	264.85	264.69	---	1956
1957	264.52	264.25	264.03	264.26	---	265.01	265.53	265.22	265.02	264.88	264.89	264.97	---	1957
1958	---	---	264.13	264.26	---	---	265.28	265.18	265.25	265.32	265.31	265.10	---	1958
1959	264.85	264.52	264.17	264.30	264.97	265.26	265.05	264.78	264.73	264.79	265.08	265.01	264.79	1959
1960	264.76	264.47	264.21	264.41	265.51	265.44	265.41	265.40	265.17	265.04	265.05	265.01	264.99	1960
1961	264.72	264.41	264.25	264.35	264.79	265.15	265.15	264.97	265.15	265.17	265.36	265.36	264.90	1961
1962	265.04	264.67	264.21	264.23	265.07	265.29	264.99	264.89	265.09	264.99	264.67	264.41	264.80	1962
1963	264.25	264.08	263.98	264.19	264.46	264.61	264.72	264.58	264.51	264.33	264.18	264.26	264.35	1963
1964	264.10	264.08	264.19	264.46	265.15	265.48	265.12	264.83	264.60	264.80	264.73	264.48	264.67	1964
1965	264.18	264.04	264.08	264.28	264.75	265.23	265.03	264.88	264.97	265.38	265.16	264.85	264.74	1965
1966	264.54	264.23	264.05	264.25	264.80	265.21	265.12	264.93	---	265.12	265.36	265.44	---	1966
1967	265.16	264.63	264.19	264.52	265.48	265.33	265.13	265.01	264.79	264.85	265.18	265.04	264.94	1967
1968	264.67	264.31	264.18	264.60	265.13	265.05	265.24	265.13	264.99	265.02	264.98	264.71	264.84	1968
1969	264.42	264.18	264.11	264.36	265.08	265.41	265.26	265.27	265.30	265.40	265.43	265.31	264.97	1969
1970	264.96	264.56	---	---	264.55	265.12	265.17	---	264.85	264.73	264.57	---	---	1970
1971	264.24	264.05	264.07	264.25	264.61	264.70	264.46	264.24	264.25	264.28	264.37	264.38	264.32	1971
1972	264.29	264.11	264.15	264.28	264.51	264.97	264.96	264.74	264.57	264.68	264.66	264.46	264.53	1972
1973	264.20	264.09	264.20	264.29	265.16	265.25	265.08	264.80	264.85	264.83	264.75	264.51	264.67	1973
1974	264.27	264.11	264.08	264.33	264.90	265.52	265.39	265.04	264.75	264.92	265.11	264.86	264.78	1974
1975	264.51	264.14	264.08	264.33	264.61	265.12	265.04	264.73	264.46	264.26	264.34	264.34	264.50	1975
1976	264.15	---	---	264.69	265.49	---	---	265.02	265.00	265.15	264.94	264.61	---	1976
1977	264.29	264.07	264.18	264.52	265.27	265.17	265.05	264.73	264.48	264.25	264.28	264.26	264.55	1977
1978	264.09	264.06	264.10	264.22	264.61	265.35	265.41	265.13	264.83	264.95	264.90	---	---	1978
1979	---	264.14	264.17	264.59	265.36	265.46	265.19	265.01	264.94	264.99	265.23	265.25	---	1979
1980	264.90	264.41	264.12	264.48	265.19	265.20	265.17	---	---	---	265.05	264.85	---	1980
1981	264.46	264.19	264.19	---	---	265.36	265.11	264.60	264.32	264.22	264.30	264.13	---	1981
1982	263.99	263.98	264.02	264.26	264.72	264.86	264.82	264.70	264.62	264.80	265.04	264.83	264.55	1982
1983	264.50	264.15	264.10	264.25	264.71	265.34	265.13	264.81	264.57	264.47	264.28	264.19	264.54	1983
1984	---	264.14	264.17	---	---	264.73	265.07	264.84	264.57	---	---	---	---	1984
1985	---	264.10	264.15	---	---	264.87	264.83	264.86	264.65	264.59R	264.63R	264.56R	---	1985
1986	264.27	264.06	264.08	264.28	264.92	---	---	---	264.55	264.71R	264.88R	264.69R	---	1986
1987	264.35	264.05	264.07	264.07	264.27	264.45	264.50	264.50	264.31	264.58R	264.68R	264.53R	264.37R	1987
1988	264.32	264.10	264.13	264.45	265.25	265.22	264.99	264.99	265.13	265.19	265.33	265.26	264.87	1988
1989	264.99	264.63	264.25	264.36	265.03	265.35	265.11	264.77	264.46	264.30	264.45	264.34	264.67	1989
1990	264.07	264.00	264.19	264.30	265.09	265.24	265.22	264.96	264.72	---	---	---	---	1990
MOYEN	264.50	264.26	264.14	264.36	264.97	265.19	265.13	264.92	264.79	264.81	264.84	264.74	264.69	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 45 00
LONG 079 13 40

BASSIN VERSANT, 9 950 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

ABITIBI (LAC) - STATION NO. 04MA004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	265.82 LE 30 JUN *	264.02 LE 27 FEV	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	265.49 LE 13 JUN	264.08 LE 27 MAR	1959
1960	---	265.79 LE 16 MAI	264.16 LE 18 MAR	1960
1961	---	265.48 LE 08 NOV	264.21 LE 04 AVR	1961
1962	---	265.71 LE 02 JUN	264.08 LE 18 AVR	1962
1963	---	264.92 LE 02 JUL	263.94 LE 11 MAR	1963
1964	---	265.72 LE 16 JUN	264.04 LE 26 JAN	1964
1965	---	265.49 LE 24 OCT	264.00 LE 08 FEV	1965
1966	---	---	---	1966
1967	---	265.73 LE 17 MAI	264.16 LE 17 MAR	1967
1968	---	265.42 LE 19 JUL	264.12 LE 15 MAR	1968
1969	---	265.68 LE 14 OCT	264.09 LE 01 MAR	1969
1970	---	---	---	1970
1971	---	264.91 LE 30 MAI	264.00 LE 26 AOU	1971
1972	---	265.17 LE 12 JUN	264.08 LE 14 FEV	1972
1973	---	265.47 LE 17 MAI	264.07 LE 01 FEV	1973
1974	---	265.68 LE 01 JUN	264.06 LE 22 FEV	1974
1975	---	265.36 LE 24 JUN	264.03 LE 28 FEV	1975
1976	---	---	---	1976
1977	---	265.61 LE 30 JUN	264.02 LE 09 OCT	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	265.32 LE 07 NOV	263.95 LE 19 JAN	1982
1983	---	265.46 LE 07 JUN	264.06 LE 26 FEV	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	264.86 LE 23 AOU	263.86 LE 15 AVR *	1987
1988	---	265.64 LE 29 OCT	264.08 LE 12 FEV	1988
1989	---	265.59 LE 27 MAI	264.14 LE 25 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ACHIGAN (LAC DE L') - STATION NO. 02OB018

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	24.14	24.09	24.04	24.07	---	---	---	1966
1967	---	---	---	---	24.78	24.67	24.67	24.34	24.31	24.43	24.60	24.49	---	1967
1968	24.42	24.34	24.35	24.93	24.54	24.34	24.31	24.17	24.22	24.28	24.35	24.36	24.38	1968
1969	24.32	24.36	24.29	24.86	25.05	24.47	24.25	24.22	24.18	24.19	24.33	24.43	24.41	1969
1970	24.34	24.32	24.30	24.64	24.93	24.42	---	---	24.18	---	24.42	24.46	---	1970
1971	24.31	24.31	24.32	24.53	25.00	24.42	---	---	---	---	---	---	---	1971
MOYEN	24.35	24.33	24.32	24.74	24.86	24.46	24.34	24.20	24.19	24.24	24.42	24.44	24.40	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 182.88 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 56 17
LONG 073 59 36 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ACHIGAN (LAC DE L') - STATION NO. 02OB018

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	25.09 LE 15 AVR	24.13 LE 29 AOU *	1968
1969	---	25.37 LE 19 AVR *	24.15 LE 03 SEP	1969
1970	---	---	---	1970
1971	---	---	---	1971

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 182.88 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ACHIGAN (RIVIERE DE L') ECHELLE NO.1 - STATION NO. 02OB012

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	23.70	---	---	---	---	---	---	---	---	1965
MOYEN	---	---	---	---	23.70	---	---	---	---	---	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 55 20
LONG 073 57 03 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ACHIGAN (RIVIERE DE L') ECHELLE NO.1 - STATION NO. 02OB012

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965

PLAN DE REFERENCE - ARBITRAIRE

ACHIGAN (RIVIERE DE L') ECHELLE NO.2 - STATION NO. 02OB013

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	23.55	---	---	---	---	---	---	---	---	1965
MOYEN	---	---	---	---	23.55	---	---	---	---	---	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 55 20
LONG 073 57 03 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ACHIGAN (RIVIERE DE L') ECHELLE NO.2 - STATION NO. 02OB013

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965

PLAN DE REFERENCE - ARBITRAIRE

ACHIGAN (RIVIERE DE L') ECHELLE NO.3 - STATION NO. 02OB014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	23.61	---	---	---	---	---	---	---	---	1965
MOYEN	---	---	---	---	23.61	---	---	---	---	---	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 55 20
LONG 073 57 03 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ACHIGAN (RIVIERE DE L') ECHELLE NO.3 - STATION NO. 02OB014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965

PLAN DE REFERENCE - ARBITRAIRE

ALLARD (RIVIERE) - STATION NO. 03AD002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	---	---	---	25.76	26.21	---	---	---	1965
1966	---	---	---	---	---	27.11	---	---	---	26.14	---	---	---	1966
1967	---	---	---	---	---	---	---	---	24.31	25.30	---	---	---	1967
1968	---	---	---	---	26.59	---	---	---	25.96	25.77	---	---	---	1968
1969	---	---	---	---	26.51	27.14	---	---	25.41	25.99	---	---	---	1969
1970	---	---	---	---	26.46	26.95	26.14	25.46	25.49	25.20	24.57	---	---	1970
1971	---	23.53	---	23.62	26.07	---	---	24.85	24.71	---	---	---	---	1971
MOYEN	---	23.53	---	23.62	26.41	27.07	26.14	25.16	25.27	25.77	24.57	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 49 47 01
LONG 077 49 39 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ALLARD (RIVIERE) - STATION NO. 03AD002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971

PLAN DE REFERENCE - ARBITRAIRE

ARCHAMBAULT (LAC) - STATION NO. 02OB028

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1971	---	---	---	---	---	---	---	---	388.23	---	388.17	---	---	1971
1972	---	---	---	---	---	---	---	388.45	388.42	388.55	388.52	---	---	1972
1973	---	388.47	388.34	388.22	388.42	---	388.42	388.39	388.20	388.02	388.24	388.46	---	1973
1974	388.41	388.41	388.28	388.26	388.48	388.52	388.44	388.32	388.19	388.37	388.50	388.50	388.39	1974
1975	388.45	388.42	388.44	388.10	388.32	388.48	---	---	388.30	---	---	388.48	---	1975
1976	---	388.36	---	---	---	---	---	---	---	388.32	388.22	---	---	1976
1977	---	388.07	388.12	---	---	388.42	388.41	388.36	388.39	388.53	388.50	---	---	1977
1978	---	---	---	388.32	388.42	388.41	388.35	388.22	388.14	388.38	388.41	388.47	---	1978
1979	388.44	388.39	388.50	388.56	388.51	388.50	---	---	---	---	---	388.51	---	1979
1980	388.48	388.40	388.40	388.64	388.53	388.44	388.41	388.53	388.49	388.04	387.80	---	---	1980
1981	---	---	---	388.74	---	---	388.41	388.32	388.41	388.47	---	---	---	1981
1982	---	388.28	388.26	---	---	---	---	---	---	---	---	---	---	1982
MOYEN	388.45	388.35	388.33	388.41	388.45	388.46	388.41	388.37	388.31	388.34	388.30	388.48	388.39	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 46 20 15
LONG 074 13 44

BASSIN VERSANT, 277 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ARCHAMBAULT (LAC) - STATION NO. 02OB028

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	388.81 LE 02 MAI *	388.10 LE 13 AVR *	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ARGENT (LAC D') A EASTMAIN - STATION NO. 02OH004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1968	---	---	---	---	---	---	---	30.09	30.01	29.99	29.94	---	---	1968
1969	---	---	---	---	29.93	30.16	30.11	30.06	29.99	30.22	30.16	29.98	---	1969
1970	---	---	---	---	---	---	---	30.16	30.18	29.78	---	---	---	1970
1971	29.56	29.48	29.62	29.93	29.85	30.11	30.14	30.29	30.24	30.18	29.79	29.65	29.91	1971
1972	29.55	29.48	29.44	29.75	29.85	29.91	30.22	30.20	30.21	30.20	30.04	30.02	29.91	1972
1973	29.94	29.88	30.14	29.97	29.94	30.01	---	---	---	---	---	---	---	1973
MOYEN	29.68	29.61	29.73	29.88	29.89	30.05	30.16	30.16	30.13	30.07	29.98	29.88	29.91	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 217.60 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 18 12
LONG 072 19 17

BASSIN VERSANT, 65.1 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ARGENT (LAC D') A EASTMAIN - STATION NO. 02OH004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	30.70 LE 29 AOU *	29.44 LE 04 FEV	1971
1972	---	30.34 LE 20 JUL	29.40 LE 03 MAR *	1972
1973	---	---	---	1973

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 217.60 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BALEINE (PETITE RIVIERE DE LA) EN AMONT DU CHENAL ANCEL - STATION NO. 03FC008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	28.46R	28.37R	28.31R	---	1982
1983	---	---	---	27.64R	28.59R	28.79R	28.54R	28.55R	28.58R	28.65R	28.61R	28.29R	---	1983
1984	---	27.78R	27.70R	27.65R	28.42R	28.80R	28.52R	28.51R	28.74R	28.87R	28.60R	---	---	1984
1985	---	---	27.80	27.70	27.82	28.90	28.57	28.26	28.31	28.38R	28.51R	---	---	1985
1986	---	---	27.67	27.59	28.03	28.83	28.67	28.52	28.61	28.59R	28.34R	---	---	1986
1987	27.93	27.78	27.65	27.62	28.28	28.81	28.55	28.49	28.62	28.65R	28.48R	---	---	1987
1988	---	---	---	27.66	28.35	28.84	28.50	28.41	28.36	28.58	28.43	---	---	1988
1989	---	---	---	27.61	27.81	28.95	28.56	28.18	28.08	28.16	28.25	---	---	1989
1990	---	27.67	27.54	27.49	27.80	29.00	28.67	28.71	28.60	---	---	---	---	1990
MOYEN	27.93	27.74	27.67	27.62	28.14	28.86	28.57	28.45	28.49	28.54	28.45	28.30	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 284.35 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 55 40 58 LONG 074 20 09 — BASSIN VERSANT, 10 400 km² — DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

BALEINE (PETITE RIVIERE DE LA) EN AMONT DU CHENAL ANCEL - STATION NO. 03FC008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 284.35 m POUR OBTENIR LES COTES GEODESIQUES

BAPTISTE (LAC) - STATION NO. 02LC062

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	---	---	---	28.13	---	28.15	28.31	28.29	28.24	28.27	28.13	28.09	---	1972
1973	28.08	28.09	28.17	28.12	28.27	---	28.18	28.16	28.04	27.99	28.06	28.11	---	1973
1974	28.08	28.08	28.09	28.18	28.27	---	28.46	28.10	27.87	27.94	28.19	28.31	---	1974
1975	28.28	28.27	28.28	28.33	28.12	---	---	28.02	---	28.28	---	28.10	---	1975
1976	---	---	---	28.16	28.30	28.28	28.28	28.27	28.27	28.28	28.14	28.07	---	1976
1977	28.05	28.05	28.12	28.15	28.21	28.16	28.28	28.25	28.27	---	---	28.08	---	1977
1978	28.07	28.05	28.04	28.14	28.30	28.26	28.24	28.17	28.10	28.10	28.18	28.27	28.16	1978
1979	28.26	28.26	28.30	28.14	28.31	28.30	28.28	28.24	28.29	28.32	28.30	28.29	28.27	1979
1980	28.28	28.25	28.29	28.17	28.24	28.24	28.22	28.24	28.23	28.32	28.21	---	---	1980
1981	---	28.23	28.08	28.23	28.26	28.31	28.24	28.20	28.22	28.22	28.22	28.19	---	1981
1982	28.19	28.18	28.18	28.23	28.23	28.23	28.21	---	---	---	---	---	---	1982
MOYEN	28.16	28.16	28.17	28.18	28.25	28.24	28.27	28.19	28.17	28.19	28.18	28.17	28.22	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 15 00 LONG 074 41 02 — BASSIN VERSANT, 2.51 km² — DEBIT NATUREL

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

BAPTISTE (LAC) - STATION NO. 02LC062

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	28.33 LE 01 MAI	28.02 LE 13 MAR	1978
1979	---	28.51 LE 25 MAR *	27.97 LE 17 AVR *	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BARRIERE (LAC) AU BARRAGE - STATION NO. 02LD008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1974	---	---	---	---	---	---	---	197.98	197.87	197.84	198.05	---	---	1974
1976	---	---	---	---	---	198.26	198.18	198.11	197.99	---	---	---	---	1976
1977	---	---	---	---	---	198.17	198.13	198.05	197.99	198.19	---	---	---	1977
1978	---	---	---	---	---	---	---	---	---	197.80	---	---	---	1978
1979	---	---	---	198.75	198.60	198.26	198.36	---	198.12	197.94	197.95	198.13	---	1979
1980	197.96	197.76	197.71	198.43	198.29	198.07	198.09	198.18	198.01	198.15	198.27	---	---	1980
1981	---	---	198.46	198.70	198.51	198.51	198.26	198.13	198.24	198.03	198.14	---	---	1981
1982	---	---	---	198.24	198.52	198.18	198.21	198.05	198.03	198.03	197.96	197.98	---	1982
1983	198.10	197.95	197.92	198.33	198.86	198.44	198.12	198.02	197.85	197.85	198.02	198.00	198.12	1983
1984	197.96	197.92	197.97	198.63	198.45	198.13	198.13	198.10	198.07	197.85R	197.94R	198.32R	198.12R	1984
1985	198.19	198.03	---	---	---	198.27	198.24	198.17	198.08	198.06R	198.08R	197.96R	---	1985
1986	197.81	197.79	197.81	198.66	198.54	198.49	198.21	198.22	198.25	198.14R	198.00R	197.91R	198.15R	1986
1987	197.86	197.79	197.79	198.61	198.14	198.25	198.10	197.90	197.83	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	198.15	198.68	198.27	---	1988
1989	---	---	---	---	---	198.44	198.16	197.85	197.78	197.84	198.29	198.27	---	1989
1990	198.07	198.09	198.17	198.70	198.64	198.28	198.31	198.05	197.87	---	---	---	---	1990
MOYEN	197.99	197.90	197.98	198.56	198.51	198.29	198.19	198.06	198.00	197.99	198.13	198.11	198.13	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 52 38 LONG 075 05 04 — BASSIN VERSANT, 1 260 km² — REGULARISE

R - REVISEE DEPUIS JAN 01 1988

BARRIERE (LAC) AU BARRAGE - STATION NO. 02LD008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1974	---	---	---	1974
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	199.14 LE 15 MAI *	197.78 LE 15 MAR	1983
1984	---	199.09 LE 21 AVR	197.83 LE 17 OCT	1984
1985	---	---	---	1985
1986	---	198.87 LE 17 AVR	197.74 LE 05 MAR *	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BEAU PORTAGE (LAC DU) - STATION NO. 02RG014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	152.46R	152.37R	152.28R	152.24R	152.25R	152.20R	152.25R	152.36R	152.40R	152.44R	152.43R	---	---	1977
1978	152.40R	152.34R	152.25R	152.23R	152.33R	152.13R	152.16R	152.24R	152.28R	152.30R	---	---	---	1978
MOYEN	152.43R	152.35R	152.26R	152.24R	152.29R	152.17R	152.21R	152.30R	152.34R	152.37R	152.43R	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 22 05 LONG 071 34 25 — BASSIN VERSANT, 0.26 km² — DEBIT NATUREL

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 01 1988

BEAU PORTAGE (LAC DU) - STATION NO. 02RG014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978

PLAN DE REFERENCE - ARBITRAIRE

BELLE RIVIERE (RIVIERE) AU BARRAGE PRES DE SAINTE-SCHOLASTIQUE - STATION NO. 020A026

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	---	---	---	1.223	1.173	1.157	1.178	1.167	1.116	1.168	1.189	1.138	---	1972
1973	1.152	1.165	1.210	1.124	1.164	1.174	1.121	1.090	1.079	1.172	1.146	1.147	1.145	1973
1974	1.139	1.124	1.198	1.273	1.199	1.103	1.072	1.053	1.048	1.071	1.100	1.093	1.123	1974
1975	1.077	1.061	1.144	1.356	1.126	1.123	1.078	1.062	1.064	1.089	1.103	1.083	1.114	1975
1976	1.080	1.113	1.185	1.243	1.127	1.065	1.070	1.078	1.099	1.090	1.074	1.034	1.105	1976
1977	1.033	1.029	1.150	1.112	1.064	1.056	1.042	1.047	1.052	1.094	1.081	1.070	1.070	1977
1978	1.106	1.050	1.059	1.184	1.073	1.054	1.048	1.056	1.051	1.057	1.066	1.052	1.071	1978
1979	1.068	1.043	1.139	1.134	1.070	1.054	1.044	1.054	1.080	1.088	1.080	1.085	1.078	1979
1980	1.062	0.987	0.989	1.095	1.076	1.051	1.073	1.061	1.060	1.083	1.077	1.080	1.058	1980
1981	1.076	1.174	1.088	1.109	1.093	1.097	1.055	1.063	1.067	1.081	1.091	1.067	1.088	1981
1982	1.065	1.060	1.075	1.194	1.064	1.068	1.050	1.058	1.061	1.064	1.086	1.106	1.079	1982
1983	1.077	1.083	1.117	1.160	1.132	1.071	---	---	---	---	---	---	---	1983
MOYEN	1.085	1.081	1.123	1.184	1.113	1.089	1.076	1.072	1.071	1.096	1.099	1.087	1.093	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 65.294 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 38 24
LONG 074 05 57 REGULARISE

BELLE RIVIERE (RIVIERE) AU BARRAGE PRES DE SAINTE-SCHOLASTIQUE - STATION NO. 020A026

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	1.637 LE 29 MAR	1.061 LE 24 SEP	1972
1973	---	1.484 LE 12 JUN	1.052 LE 01 MAI	1973
1974	---	1.497 LE 15 AVR	1.033 LE 02 SEP	1974
1975	---	1.701 LE 20 AVR	1.027 LE 03 SEP	1975
1976	---	1.783 LE 02 AVR *	1.030 LE 17 DEC	1976
1977	---	1.338 LE 18 MAR	1.024 LE 03 FEV	1977
1978	---	1.326 LE 20 AVR	1.039 LE 23 FEV	1978
1979	---	1.648 LE 14 SEP	1.024 LE 26 FEV	1979
1980	---	1.401 LE 22 JUL	0.775E LE 04 MAR *	1980
1981	---	1.464 LE 21 FEV	1.040 LE 01 AOU	1981
1982	---	1.463 LE 04 AVR	1.033 LE 28 FEV	1982
1983	---	---	---	1983

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 65.29 m POUR OBTENIR LES COTES GEODESIQUES

E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BETSIAMITES (RIVIERE) AU RESERVOIR PIPMUACAN - STATION NO. 02SB002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	395.64	394.61	393.53	392.22	392.26	394.17	394.75	395.70	396.44	397.43	397.64	397.36	395.15	1965
1966	396.57	395.61	394.70	394.20	394.91	397.56	397.93	398.19	398.27	398.56	398.82	398.62	397.00	1966
1967	397.86	396.91	395.83	394.72	394.39	396.13	396.89	396.98	396.93	397.81	398.47	398.18	396.76	1967
1968	397.48	396.74	395.85	395.50	396.82	397.53	397.61	397.86	398.28	398.14	398.11	397.45	397.28	1968
1969	396.64	395.65	394.53	393.49	394.03	396.79	397.70	397.81	397.76	397.53	397.43	---	---	1969
1970	396.14	395.15	394.01	392.98	393.95	396.01	397.16	398.06	398.12	398.19	397.63	396.83	396.19	1970
1971	395.72	394.55	393.53	392.51	393.71	395.47	395.48	395.17	395.08	395.47	395.55	394.64	394.74	1971
1972	393.65	392.67	391.61	390.72	390.97	394.34	395.29	395.27	395.07	395.58	395.45	394.65	393.78	1972
1973	393.76	392.90	392.04	391.51	393.79	---	---	398.45	398.49	398.66	398.74	398.25	---	1973
1974	397.28	396.27	395.31	394.65	395.07	398.11	398.49	398.66	398.52	398.44	398.15	397.39	397.20	1974
1975	396.40	395.43	394.47	393.47	394.23	396.15	396.54	397.09	397.20	397.24	396.95	396.31	395.97	1975
1976	395.31	394.29	393.26	392.97	395.62	398.33	398.53	398.57	398.90	398.67	398.35	397.49	396.70	1976
1977	396.61	395.71	394.67	393.78	395.43	397.66	397.81	397.83	397.93	398.10	398.09	397.51	396.77	1977
1978	396.65	395.61	394.20	392.95	394.02	396.78	398.02	398.13	398.02	398.23	398.15	397.41	396.52	1978
1979	396.41	395.35	394.22	393.80	396.51	398.36	398.49	398.57	398.63	398.61	398.43	397.86	397.12	1979
1980	396.90	395.78	394.43	393.42	394.87	396.28	397.07	397.88	398.06	398.45	398.20	397.63	396.59	1980
1981	396.49	395.37	394.65	394.37	396.29	398.40	398.53	398.39	397.88	397.58	397.31	396.58	396.83	1981
1982	395.58	394.35	393.01	391.84	393.28	396.26	397.31	397.69	397.76	397.74	397.89	397.61	395.87	1982
1983	396.78	395.79	394.68	394.12	396.92	398.34	398.29	398.09	---	398.45	398.13	397.63	---	1983
1984	396.76	395.71	394.60	393.48	394.78	396.88	397.21	397.39	397.21	396.92	396.32	395.51	396.07	1984
1985	394.66	393.67	392.86	392.04	392.52	394.87	396.00	396.76	396.66	396.85	396.69	395.87	394.96	1985
1986	394.83	393.87	392.90	392.36	394.47	395.88	396.45	396.68	396.97	397.24	397.13R	396.32R	395.44R	1986
1987	395.42	394.28	392.97	392.79	393.41	393.75	394.05	394.44	394.81	395.07	395.10	394.77	394.24	1987
1988	---	---	---	---	---	---	---	394.14	394.44	395.81	396.21	395.83	---	1988
1989	394.84	393.65	---	---	---	---	---	---	---	396.36	397.53	397.64	---	1989
1990	396.77	396.08	395.20	394.42	395.46	396.65	397.06	396.87	396.35	---	---	---	---	1990
MOYEN	396.05	395.04	394.04	393.26	394.49	396.55	397.08	397.23	397.24	397.49	397.46	396.89	396.06	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 49 21 15 BASSIN VERSANT, 13 400 km² DONNEES FOURNIES PAR - R - REVISEE DEPUIS JAN 01 1988
LONG 069 47 15 REGULARISE HYDRO-QUEBEC

BETSIAMITES (RIVIERE) AU RESERVOIR PIPMUACAN - STATION NO. 02SB002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	397.93 LE 01 NOV	391.47 LE 08 MAI	1965
1966	---	398.93 LE 08 NOV	394.07 LE 19 AVR	1966
1967	---	398.54 LE 08 NOV	394.17 LE 02 MAI	1967
1968	---	398.37 LE 12 SEP	395.28 LE 14 AVR	1968
1969	---	---	---	1969
1970	---	398.33 LE 12 OCT	392.67 LE 25 AVR	1970
1971	---	396.32 LE 01 JAN	392.26 LE 21 AVR	1971
1972	---	395.81 LE 29 OCT	390.19 LE 09 MAI *	1972
1973	---	---	---	1973
1974	---	398.73 LE 28 AOU	394.43 LE 08 MAI	1974
1975	---	397.42 LE 28 SEP	393.09 LE 02 MAI	1975
1976	---	399.09 LE 15 SEP *	392.73 LE 31 MAR	1976
1977	---	398.31 LE 22 OCT	393.55 LE 19 AVR	1977
1978	---	398.37 LE 28 OCT	392.61 LE 30 AVR	1978
1979	---	398.83 LE 02 NOV	393.61 LE 20 AVR	1979
1980	---	398.61 LE 22 OCT	393.12 LE 25 AVR	1980
1981	---	398.63 LE 27 JUL	394.26 LE 03 AVR	1981
1982	---	398.02 LE 24 NOV	391.53 LE 29 AVR	1982
1983	---	---	---	1983
1984	---	397.45 LE 16 AOU	393.18 LE 26 AVR	1984
1985	---	397.00 LE 28 OCT	391.76 LE 29 AVR	1985
1986	---	397.36 LE 25 OCT	392.20 LE 10 AVR	1986
1987	---	395.88 LE 01 JAN	392.41 LE 31 MAR	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BEVIN (LAC) AU PONT-ROUTE 327 - STATION NO. 02LC032

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	---	27.60	27.55	---	28.57	---	1966
1967	27.94	27.83	27.72	---	28.87	28.55	28.58	---	---	---	28.98	28.35	---	1967
1968	28.13	28.01	28.14	---	28.20	27.90	27.99	---	27.70	27.66	27.71	27.86	---	1968
1969	---	27.92	27.80	29.37	29.48	---	---	---	---	27.65	28.00	28.09	---	1969
1970	27.84	27.87	27.83	28.84	29.80	28.16	---	---	27.66	---	28.10	28.15	---	1970
1971	27.85	27.81	27.83	28.55	29.69	28.07	27.47	27.69	27.78	27.82	27.80	27.98	28.03	1971
1972	27.91	27.85	27.83	28.68	---	---	---	---	---	---	---	---	---	1972
MOYEN	27.93	27.88	27.86	28.86	29.21	28.17	28.01	27.69	27.69	27.67	28.12	28.17	28.03	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 57 46
LONG 074 35 58

BASSIN VERSANT, 339 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

BEVIN (LAC) AU PONT-ROUTE 327 - STATION NO. 02LC032

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	30.32 LE 08 MAI *	26.79 LE 25 JUL *	1971
1972	---	---	---	1972

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BEVIN (RIVIERE) A LAKEVIEW - STATION NO. 02LC031

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	---	6.14	6.16	---	---	---	1966
1967	---	6.30	---	---	---	---	---	---	---	---	---	---	---	1967
MOYEN	---	6.30	---	---	---	---	---	---	6.14	6.16	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 52 42
LONG 074 34 04

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

BEVIN (RIVIERE) A LAKEVIEW - STATION NO. 02LC031

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967

PLAN DE REFERENCE - ARBITRAIRE

BIENVILLE (LAC) - STATION NO. 03EA002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1974	---	---	---	---	---	---	---	29.65	29.50	29.66	29.71	---	---	1974
1975	---	29.19	---	29.00	29.08	30.32	30.39	30.27	29.99	29.65	29.59	---	---	1975
1976	---	---	---	---	29.29	30.41	30.00	29.81	29.82	29.76	29.63	---	---	1976
1977	---	29.20	29.11	29.06	29.34	---	30.27	30.07	29.83	29.62	29.67	---	---	1977
1978	---	29.28	---	---	---	---	29.77	29.91	30.21	29.95	29.75	---	---	1978
1979	---	---	---	---	---	---	---	29.78	29.75	29.96	29.90	29.65	---	1979
1980	29.41	29.22	29.09	---	---	---	---	---	---	29.76	29.78	29.59	---	1980
1981	29.35	29.20	29.13	29.06	29.13	---	---	---	29.48	29.57	29.55	29.40	---	1981
1982	---	---	29.08	29.00	29.21	30.04	30.05	29.79	29.65	29.60	29.57	29.49	---	1982
1983	29.32	29.17	29.05	28.99	29.63	29.99	29.80	29.70	29.64	---	---	29.57	---	1983
1984	---	---	---	29.04	29.50	30.09	29.83	29.68	29.62	---	29.78R	29.59R	---	1984
1985	29.37	29.22	29.11	29.06	29.48	---	---	29.51	29.40	29.45R	29.54R	29.44R	---	1985
1986	29.24	29.11	29.01	28.96	29.29	30.09	30.11	29.83	29.77	29.77R	29.57R	29.37R	29.51R	1986
1987	29.22	29.10	29.02	29.01	29.46	30.04	29.84	29.85	29.87	29.78R	29.63R	29.50R	29.53R	1987
1988	29.33	29.16	---	29.01	29.44	29.99	29.65	29.43	29.43	29.79	29.73	29.52	---	1988
1989	---	29.17	29.07	29.00	29.15	29.92	29.67	29.37	29.30	29.38	29.50	29.39	---	1989
1990	29.23	29.08	---	28.95	29.15	30.12	29.97	29.64	29.52	---	---	---	---	1990
MOYEN	29.31	29.18	29.07	29.01	29.32	30.10	29.95	29.75	29.67	29.69	29.66	29.50	29.52	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 360.64 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 55 02 00 BASSIN VERSANT, 21 000 km²
LONG 073 22 00 DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

BIENVILLE (LAC) - STATION NO. 03EA002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	30.22 LE 10 JUL *	28.94 LE 21 AVR *	1986
1987	---	30.12 LE 12 JUN	28.96 LE 19 AVR	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 360.64 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BLANC (LAC) - STATION NO. 02PB036

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1971	---	---	---	---	---	---	---	---	---	---	26.22	---	---	1971
1972	---	---	26.23	---	---	---	---	26.23	26.20	---	---	---	---	1972
1973	26.19	26.24	26.31	26.52	26.41	---	---	---	---	26.20	26.10	---	---	1973
1974	26.12	26.09	26.12	---	---	26.22	26.17	26.07	26.09	26.16	26.20	26.28	---	1974
1975	26.11	26.07	26.14	26.31	---	26.27	---	---	26.04	26.14	26.22	26.16	---	1975
1976	---	---	---	26.59	26.41	26.17	26.24	26.27	26.15	26.27	26.18	26.10	---	1976
1977	26.05	26.03	26.15	26.47	26.21	26.10	26.07	26.02	26.06	26.23	26.14	26.15	26.14	1977
1978	---	26.13	26.05	26.34	26.34	26.09	26.05	26.00	26.02	26.07	26.10	26.10	---	1978
1979	---	26.07	26.26	26.49	26.21	26.10	25.99	26.04	26.36	26.19	26.20	26.21	---	1979
1980	26.14	26.06	26.09	26.40	26.21	26.15	26.11	26.25	26.12	26.27	26.16	26.10	26.17	1980
1981	26.02	26.25	26.22	26.45	26.30	26.34	26.20	26.10	26.06	26.13	26.23	26.11	26.20	1981
1982	26.08	26.06	26.08	26.43	---	---	---	---	---	---	---	---	---	1982
MOYEN	26.10	26.11	26.16	26.44	26.30	26.18	26.12	26.12	26.12	26.18	26.18	26.15	26.17	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 49 12 BASSIN VERSANT, 65 km²
LONG 072 15 25 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

BLANC (LAC) - STATION NO. 02PB036

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	26.87 LE 23 AVR *	25.99 LE 29 JUL *	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	26.72 LE 11 AVR	26.02 LE 03 MAR	1980
1981	---	26.83 LE 06 AVR	26.00 LE 29 JAN	1981
1982	---	---	---	1982

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BONNARD (RIVIERE) AU RESERVOIR MANOUANE - STATION NO. 02RA001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1943	489.63R	488.13R	487.63R	487.47R	488.43R	491.77R	492.53R	492.75R	493.39R	492.97R	491.97R	490.67R	490.63R	1943
1944	488.66R	487.71R	487.29R	487.09R	488.51R	490.40R	491.31R	492.25R	493.20R	493.66R	493.66R	492.71R	490.55R	1944
1945	491.32R	490.22R	489.67R	489.91R	491.52R	492.65R	493.11R	493.28R	493.29R	493.26R	493.32R	493.08R	492.06R	1945
1946	492.45R	490.96R	490.97R	491.17R	492.13R	493.26R	493.21R	493.26R	493.16R	493.31R	493.61R	492.53R	492.51R	1946
1947	490.04R	488.58R	488.21R	488.45R	489.08R	492.26R	493.22R	493.26R	493.20R	493.48R	493.53R	491.36R	491.24R	1947
1948	488.96R	487.96R	487.56R	487.43R	488.74R	491.03R	491.86R	492.94R	492.89R	492.51R	490.80R	489.27R	490.17R	1948
1949	488.12R	487.63R	487.41R	487.49R	488.86R	491.55R	493.01R	493.27R	493.33R	493.47R	493.61R	491.73R	490.81R	1949
1950	489.28R	488.11R	487.65R	487.75R	489.02R	492.05R	493.33R	493.23R	492.91R	492.68R	493.11R	493.44R	491.07R	1950
1951	491.38R	489.35R	488.38R	488.84R	490.65R	492.37R	492.33R	491.74R	491.24R	491.47R	492.11R	492.40R	491.03R	1951
1952	490.55R	488.82R	487.96R	488.02R	489.51R	491.91R	492.67R	493.12R	493.41R	493.52R	493.12R	492.14R	491.24R	1952
1953	489.83R	488.22R	487.92R	488.62R	490.03R	491.77R	492.74R	493.10R	493.14R	493.31R	492.71R	491.95R	491.13R	1953
1954	489.81R	488.62R	488.24R	488.50R	490.05R	491.81R	492.36R	492.78R	492.86R	492.91R	492.69R	492.00R	491.07R	1954
1955	489.50R	488.13R	487.66R	487.57R	489.29R	491.35R	491.91R	492.17R	491.91R	491.09R	490.76R	490.48R	490.17R	1955
1956	488.76R	487.82R	487.46R	487.34R	487.80R	490.18R	491.71R	492.55R	493.13R	493.68R	493.77R	492.94R	490.61R	1956
1957	490.26R	488.40R	487.71R	487.46R	488.53R	490.88R	492.58R	493.28R	493.66R	493.75R	493.65R	493.57R	491.16R	1957
1958	491.12R	492.48R	491.83R	491.39R	492.36R	493.35R	493.36R	493.37R	493.35R	493.30R	492.91R	491.73R	492.71R	1958
1959	489.89R	488.60R	487.98R	487.69R	489.01R	491.51R	491.93R	491.54R	490.22R	489.28R	489.49R	489.96R	489.77R	1959
1960	489.25R	488.32R	487.87R	487.66R	489.04R	491.12R	491.87R	493.00R	493.03R	493.24R	493.24R	493.04R	490.90R	1960
1961	492.22R	491.47R	489.97R	488.18R	488.36R	488.85R	488.93R	489.05R	489.09R	489.67R	490.18R	490.56R	489.70R	1961
1962	490.84R	490.96R	490.48R	490.66R	491.39R	492.73R	493.01R	493.14R	493.70R	493.92R	493.89R	492.29R	492.26R	1962
1963	490.55R	489.15R	488.33R	488.33R	489.30R	491.46R	492.58R	493.54R	493.91R	493.45R	493.42R	493.09R	491.44R	1963
1964	491.43R	490.48R	490.52R	490.62R	492.30R	494.05R	494.42R	494.46R	494.45R	494.46R	494.41R	493.92R	492.97R	1964
1965	492.32R	491.05R	491.10R	491.25R	492.03R	493.94R	494.38R	494.42R	494.42R	494.46R	494.46R	493.75R	493.15R	1965
1966	491.98R	490.87R	490.88R	491.12R	491.88R	493.77R	494.37R	494.36R	494.42R	494.44R	494.49R	494.45R	493.10R	1966
1967	493.46R	492.02R	491.99R	492.01R	492.36R	493.67R	494.08R	494.09R	494.07R	494.42R	494.49R	494.46R	493.43R	1967
1968	493.20R	491.57R	491.08R	491.40R	492.74R	493.70R	494.01R	493.96R	494.46R	494.45R	494.38R	493.49R	493.21R	1968
1969	491.82R	491.22R	491.13R	491.03R	491.74R	493.72R	493.93R	494.13R	494.38R	494.40R	494.45R	494.28R	493.03R	1969
1970	493.04R	491.55R	491.31R	491.38R	492.34R	494.06R	494.47R	494.47R	494.48R	494.48R	494.46R	493.55R	493.31R	1970
1971	491.78R	490.58R	490.04R	490.15R	491.26R	491.98R	491.05R	490.67R	491.01R	491.94R	492.82R	492.02R	491.28R	1971
1972	490.35R	489.21R	489.20R	489.35R	489.98R	492.05R	492.88R	492.55R	491.02R	490.42R	489.92R	488.81R	490.48R	1972
1973	488.15R	487.86R	487.76R	487.80R	489.90R	492.47R	493.38R	494.14R	494.44R	494.45R	494.47R	493.73R	491.57R	1973
1974	492.00R	491.08R	491.19R	491.27R	491.74R	494.03R	494.42R	494.44R	494.44R	494.43R	494.42R	493.31R	493.07R	1974
1975	491.73R	491.48R	491.66R	491.95R	492.75R	494.18R	494.42R	494.41R	494.43R	494.43R	494.43R	494.07R	493.34R	1975
1976	493.26R	492.59R	492.64R	493.07R	494.10R	494.29R	494.17R	494.16R	494.17R	494.02R	493.95R	493.53R	493.67R	1976
1977	492.95R	492.27R	491.67R	491.68R	492.75R	494.36R	494.44R	494.43R	494.42R	494.42R	494.37R	493.84R	493.47R	1977
1978	493.06R	492.24R	491.41R	490.81R	491.78R	493.36R	494.22R	494.44R	494.45R	494.43R	494.33R	493.81R	493.20R	1978
1979	493.17R	492.55R	491.89R	491.73R	493.52R	494.38R	494.34R	494.31R	494.33R	494.31R	494.38R	494.07R	493.59R	1979
1980	493.49R	492.87R	492.21R	491.66R	492.95R	494.13R	494.25R	494.42R	494.43R	494.43R	494.43R	494.10R	493.62R	1980
1981	493.50R	492.68R	491.80R	491.67R	492.78R	494.41R	494.42R	494.39R	493.87R	493.33R	492.85R	492.37R	493.17R	1981
1982	491.71R	490.50R	489.33R	488.48R	489.64R	492.09R	493.25R	493.84R	494.29R	493.99R	493.66R	493.31R	492.02R	1982
1983	492.76R	492.20R	491.60R	491.16R	492.68R	494.37R	494.45R	494.41R	494.17R	494.40R	494.09R	493.40R	493.31R	1983
1984	492.58R	491.74R	490.93R	490.64R	492.19R	493.79R	493.99R	494.19R	494.24R	494.09R	493.52R	492.33R	492.86R	1984
1985	490.73	490.55	490.75	490.83	491.01	492.62	493.32	493.64	493.34	493.01	492.64	491.54	492.00	1985
1986	490.00	489.61	489.79	490.07	491.53	492.51	492.66	492.55	492.05	491.92	491.70	490.49	491.25	1986
1987	489.36	488.64	488.74	489.39	489.79	489.90	490.63	491.59	492.66	493.38	493.19	492.77	490.85	1987
1988	492.15	491.52	490.88	490.62	491.85	492.57	492.46	492.88	492.54	493.25	493.82	493.39	492.33	1988
MOYEN	491.18	490.19	489.78	489.74	490.85	492.58	493.09	493.30	493.33	493.34	493.25	492.60	491.95	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 50 43 18 BASSIN VERSANT, 5 000 km²
LONG 071 02 42 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

BONNARD (RIVIERE) AU RESERVOIR MANOUANE - STATION NO. 02RA001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1943	---	493.58 LE 02 OCT	487.43 LE 23 AVR	1943
1944	---	493.76 LE 22 NOV	487.05 LE 29 AVR *	1944
1945	---	493.40 LE 18 AOU	489.55 LE 21 MAR	1945
1946	---	493.78 LE 01 DEC	490.78 LE 15 FEV	1946
1947	---	493.68 LE 06 NOV	488.11 LE 07 MAR	1947
1948	---	493.39 LE 31 AOU	487.39 LE 17 AVR	1948
1949	---	493.69 LE 07 NOV	487.34 LE 02 AVR	1949
1950	---	493.66 LE 12 DEC	487.53 LE 28 MAR	1950
1951	---	492.72 LE 01 JAN	488.23 LE 21 MAR	1951
1952	---	493.62 LE 11 OCT	487.79 LE 25 MAR	1952
1953	---	493.43 LE 04 OCT	487.62 LE 04 MAR	1953
1954	---	492.98 LE 28 AOU	488.19 LE 11 MAR	1954
1955	---	492.31 LE 03 SEP	487.45 LE 14 AVR	1955
1956	---	493.82 LE 03 NOV	487.29 LE 09 AVR	1956
1957	---	493.81 LE 20 OCT	487.39 LE 18 AVR	1957
1958	---	493.45 LE 02 JUL	490.80 LE 31 DEC	1958
1959	---	491.97 LE 30 JUN	487.63 LE 28 AVR	1959
1960	---	493.35 LE 13 OCT	487.62 LE 23 AVR	1960
1961	---	492.65 LE 01 JAN	487.83 LE 28 AVR	1961
1962	---	494.20 LE 13 NOV	490.42 LE 06 MAR	1962
1963	---	494.07 LE 02 OCT	488.20 LE 15 MAR	1963
1964	---	494.53 LE 16 AOU	490.43 LE 07 FEV	1964
1965	---	494.51 LE 23 OCT	490.91 LE 13 FEV	1965
1966	---	494.52 LE 17 OCT	490.80 LE 09 FEV	1966
1967	---	494.52 LE 21 OCT	491.96 LE 07 FEV	1967
1968	---	494.54 LE 24 OCT *	490.98 LE 27 FEV	1968
1969	---	494.50 LE 15 NOV	490.95 LE 26 MAR	1969
1970	---	494.51 LE 21 JUL	491.27 LE 19 FEV	1970
1971	---	492.99 LE 29 NOV	489.96 LE 10 MAR	1971
1972	---	493.18 LE 04 AOU	488.45 LE 31 DEC	1972
1973	---	494.50 LE 07 NOV	487.71 LE 07 AVR	1973
1974	---	494.47 LE 23 AOU	491.01 LE 05 FEV	1974
1975	---	494.47 LE 19 SEP	491.35 LE 22 JAN	1975
1976	---	494.51 LE 22 MAI	492.51 LE 13 FEV	1976
1977	---	494.47 LE 17 AOU	491.50 LE 23 MAR	1977
1978	---	494.50 LE 27 JUL	490.71 LE 10 AVR	1978
1979	---	494.49 LE 16 NOV	491.57 LE 04 AVR	1979
1980	---	494.50 LE 09 NOV	491.53 LE 19 AVR	1980
1981	---	494.48 LE 12 JUN	491.51 LE 03 AVR	1981
1982	---	494.42 LE 16 SEP	488.26 LE 29 AVR	1982
1983	---	494.51 LE 31 JUL	491.02 LE 17 AVR	1983
1984	---	494.28 LE 27 SEP	490.48 LE 02 AVR	1984
1985	---	493.70 LE 14 AOU	490.37 LE 21 JAN	1985
1986	---	492.70 LE 02 JUL	489.49 LE 29 JAN	1986
1987	---	493.49 LE 18 OCT	488.53 LE 12 FEV	1987
1988	---	494.06 LE 04 DEC	490.47 LE 06 AVR	1988

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BOUCHETTE (LAC) - STATION NO. 02RG009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	4.94	4.68	4.98	4.79	4.77	---	1977
1978	5.12	5.40	4.95	4.96	5.42	5.17	5.06	4.97	---	---	---	4.90	---	1978
1979	5.13	5.31	5.23	5.62	5.39	5.30	4.77	4.73	4.68	4.75	4.92	4.92	5.06	1979
1980	4.99	5.14	4.69	4.84	4.98	4.87	4.98	4.80	4.78	5.29	5.03	4.89	4.94	1980
1981	5.11	5.22	5.35	5.51	5.69	5.40	5.20	4.91	5.04	5.09	5.13	5.10	5.23	1981
1982	5.21	5.46	5.44	5.52	5.52	5.06	---	---	5.13	5.32	5.50	5.55	---	1982
1983	5.47	5.47	5.32	5.28	6.20	---	---	5.01	4.96	4.97	5.13	5.43	---	1983
1984	---	5.49	5.22	5.24	---	---	---	---	---	---	5.07R	5.27R	---	1984
1985	5.41	5.52	5.28	5.08	5.34	---	---	---	5.01	5.04R	5.06R	---	---	1985
1986	---	5.39	5.27	5.25	5.58	---	---	---	---	---	---	5.30R	---	1986
1987	5.39	5.36	---	---	---	4.86	4.84	---	5.05	5.17R	5.52R	---	---	1987
1988	---	5.53	5.34	5.37	5.37	5.21	---	---	5.49	5.35	5.68	5.53	---	1988
1989	5.49	5.35	5.26	5.22	5.65	5.43	5.13	5.10	---	---	---	---	---	1989
1990	---	---	---	5.27	5.24	5.23	5.17	5.08	5.08	---	---	---	---	1990
MOYEN	5.26	5.39	5.21	5.26	5.49	5.17	5.02	4.94	4.99	5.11	5.18	5.17	5.08	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 15 44 BASSIN VERSANT, 624 km²
LONG 072 11 40 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

BOUCHETTE (LAC) - STATION NO. 02RG009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	6.29 LE 30 AVR	4.56 LE 20 SEP *	1979
1980	---	5.48 LE 12 OCT	4.57 LE 22 MAR	1980
1981	---	6.34 LE 17 MAI *	4.64 LE 10 AOU	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BROME (LAC) A KNOWLTON - STATION NO. 02OG021

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	196.53	196.59	196.63	---	---	---	---	1966
1967	---	---	---	---	---	---	196.54	196.66	196.47	196.65	196.53	196.63	---	1967
1968	196.39	196.31	196.47	196.75	196.63	196.67	196.68	196.63	196.57	196.57	196.52	196.53	196.56	1968
1969	196.32	196.32	196.29	197.05	196.85	196.67	196.72	196.62	196.54	196.48	---	---	---	1969
1970	196.29	196.29	196.26	196.89	196.86	196.73	196.70	196.67	196.72	196.60	196.39	196.40	196.57	1970
1971	196.28	196.24	196.37	196.79	196.93	196.70	196.60	196.67	196.90	196.69	196.52	196.49	196.60	1971
1972	196.38	196.24	196.31	196.78	196.92	196.70	196.75	196.56	196.44	196.46	196.47	196.52	196.55	1972
1973	196.50	196.58	196.82	196.74	196.86	196.64	196.64	196.59	196.67	196.63	196.53	196.77	196.66	1973
1974	196.69	196.49	196.64	197.08	196.96	196.67	196.93	196.80	196.71	196.67	196.65	196.62	196.74	1974
1975	196.41	196.28	196.56	196.88	196.79	196.75	196.59	196.46	196.64	196.80	196.80	196.57	196.63	1975
1976	196.34	196.50	---	---	196.88	196.71	196.74	196.78	196.73	196.82	196.65	196.56	---	1976
1977	---	196.20	196.70	196.98	196.73	196.70	196.70	196.64	196.70	196.98	196.72	196.64	---	1977
1978	196.53	196.45	196.30	197.01	196.88	196.84	196.73	196.67	196.52	196.60	196.50	196.51	196.63	1978
1979	196.72	196.57	196.81	196.96	196.65	196.64	196.47	196.53	196.77	196.70	196.74	196.63	196.68	1979
1980	196.46	196.29	196.38	196.97	196.95	196.89	196.89	196.84	196.81	196.75	196.78	196.77	196.73	1980
1981	196.31	196.56	196.83	197.01	196.95	197.00	196.88	196.89	196.76	196.74	196.73	196.54	196.77	1981
1982	196.39	196.26	196.35	197.10	196.80	196.76	196.81	196.79	196.70	196.65	196.76	196.60	196.66	1982
1983	196.50	196.48	196.70	197.07	197.01	196.81	196.65	196.65	196.58	196.67	196.96	196.99	196.76	1983
1984	196.45	196.53	196.58	196.76	196.90	196.74	196.73	196.61	196.56	196.54R	196.70R	196.78R	196.66R	1984
1985	196.72	196.62	196.85	196.99	196.79	196.85	196.96	196.86	196.88	196.89R	196.69R	196.56R	196.81R	1985
1986	196.55	196.60	196.69	196.85	196.89	196.90	196.94	196.95	196.81	196.78R	196.73R	196.68R	196.78R	1986
1987	196.59	196.55	196.64	196.84	196.82	196.95	196.89	196.80	196.76	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	196.75	196.79	196.68	---	1988
1989	196.57	196.56	196.67	196.96	197.01	196.99	196.81	196.76	196.75	196.79	196.70	196.56	196.76	1989
1990	196.75	196.64	196.81	196.74	196.90	196.96	196.99	196.99	196.90	---	---	---	---	1990
MOYEN	196.48	196.43	196.57	196.91	196.86	196.79	196.74	196.71	196.69	196.69	196.66	196.62	196.68	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 14 42
LONG 072 29 28

BASSIN VERSANT, 188 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

BROME (LAC) A KNOWLTON - STATION NO. 02OG021

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	197.12 LE 30 MAR	196.17 LE 11 MAR *	1968
1969	---	---	---	1969
1970	---	197.29 LE 20 AVR	196.21 LE 28 JAN	1970
1971	---	197.25 LE 05 MAI	196.20 LE 13 FEV	1971
1972	---	197.25 LE 05 MAI	196.20 LE 18 FEV	1972
1973	---	197.26 LE 19 MAR	196.36 LE 19 JAN	1973
1974	---	197.29 LE 25 AVR	196.35 LE 04 MAR	1974
1975	---	197.27 LE 21 AVR	196.24 LE 22 FEV	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	197.39 LE 21 AVR	196.24 LE 14 MAR	1978
1979	---	197.28 LE 26 MAR	196.40 LE 30 JUL	1979
1980	---	197.11 LE 15 AVR	196.23 LE 15 MAR	1980
1981	---	197.27 LE 10 JUN	196.19 LE 31 JAN	1981
1982	---	197.54 LE 19 AVR *	196.19 LE 02 MAR	1982
1983	---	197.46 LE 16 DEC	196.32 LE 06 MAR	1983
1984	---	197.06 LE 06 MAI	196.24 LE 13 FEV	1984
1985	---	197.13 LE 08 AVR	196.50 LE 30 DEC	1985
1986	---	197.27 LE 01 AVR	196.44 LE 18 JAN	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	197.44 LE 30 MAR	196.52 LE 07 DEC	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BROME (LAC) AU BARRAGE - STATION NO. 020G024

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1935	---	---	---	---	13.74	13.74	13.52	13.37	13.27	13.47	13.51	13.58	---	1935
1936	13.39	13.20	13.56	13.74	13.62	13.44	13.54	13.47	13.54	13.70	13.73	13.40	13.53	1936
1937	13.69	13.40	13.12	13.57	13.61	13.55	13.51	13.42	13.16	13.04	13.37	13.57	13.42	1937
1938	13.38	13.65	---	13.56	13.45	13.38	---	13.51	13.60	13.49	13.43	13.46	---	1938
1939	13.24	13.05	13.24	13.57	13.50	13.43	13.37	13.41	13.01	13.18	13.39	13.05	13.29	1939
1940	12.90	12.74	12.74	13.51	13.59	13.28	13.18	13.07	12.85	12.91	13.34	13.55	13.14	1940
1941	---	12.96	12.44	13.05	13.41	13.37	13.33	13.06	---	---	13.75	13.62	---	1941
1942	13.65	13.25	13.02	13.32	13.50	13.65	13.63	13.63	13.44	13.51	13.65	13.56	13.49	1942
1943	13.37	12.91	13.29	13.21	13.18	13.74	13.65	13.48	13.45	13.27	13.56	13.52	13.39	1943
1944	13.25	---	13.18	---	13.35	---	13.62	13.57	13.37	13.37	13.36	13.41	---	1944
1945	13.49	13.43	13.25	13.12	13.26	13.59	13.63	---	---	12.99	12.79	13.37	---	1945
1946	13.65	13.63	13.30	12.84	13.48	---	13.55	---	13.39	13.56	13.01	12.78	---	1946
1947	13.20	13.13	12.87	12.93	12.88	13.02	13.64	13.58	13.45	13.20	12.95	12.91	13.15	1947
1948	12.89	12.64	12.93	13.08	13.64	13.65	13.60	13.53	13.46	13.42	13.59	13.65	13.33	1948
1949	13.61	12.77	12.78	13.00	13.50	13.69	13.61	13.54	13.46	13.37	13.49	13.59	13.37	1949
1950	13.46	13.07	12.86	12.86	13.33	13.68	13.60	13.60	13.27	13.48	13.39	13.05	13.31	1950
1951	13.46	13.44	13.00	13.21	13.44	13.70	13.63	13.61	13.57	13.25	13.43	13.42	13.43	1951
1952	13.31	13.28	13.06	13.41	13.65	13.46	13.57	13.53	13.50	13.35	13.46	13.60	13.44	1952
1953	13.50	13.27	13.07	13.29	13.34	13.63	13.62	13.57	13.41	13.31	13.23	13.35	13.38	1953
1954	13.25	13.28	13.23	13.38	13.58	13.56	13.61	13.62	13.49	13.04	13.21	13.52	13.40	1954
1955	13.55	13.46	13.21	13.17	13.37	13.65	13.56	13.52	13.45	13.42	13.50	13.45	13.44	1955
1956	13.42	13.31	13.18	13.15	13.29	13.51	---	---	---	---	---	---	---	1956
MOYEN	13.38	13.19	13.06	13.25	13.44	13.54	13.55	13.48	13.38	13.32	13.39	13.40	13.37	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 17 02
LONG 072 30 33

BASSIN VERSANT, 198 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

BROME (LAC) AU BARRAGE - STATION NO. 020G024

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1935	---	---	---	1935
1936	---	14.11 LE 22 MAR	13.05 LE 27 FEV	1936
1937	---	14.02 LE 20 AVR	12.86 LE 04 AVR	1937
1938	---	---	---	1938
1939	---	14.14 LE 25 AVR *	12.80 LE 22 SEP	1939
1940	---	14.05 LE 23 AVR	12.56 LE 01 JUN	1940
1941	---	---	---	1941
1942	---	13.84 LE 06 JAN	12.80 LE 09 MAR	1942
1943	---	13.96 LE 18 JUN	12.77 LE 16 FEV	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	13.96 LE 09 JUL	12.53 LE 15 MAR *	1947
1948	---	13.87 LE 21 MAI	12.59 LE 11 FEV	1948
1949	---	13.96 LE 07 JAN	12.65 LE 19 FEV	1949
1950	---	13.72 LE 25 MAI	12.68 LE 26 MAR	1950
1951	---	13.75 LE 05 JUN	12.83 LE 26 MAR	1951
1952	---	13.72 LE 10 MAI	12.98 LE 15 MAR	1952
1953	---	13.84 LE 24 AVR	12.66 LE 13 MAR	1953
1954	---	13.75 LE 02 JUN	12.83 LE 11 NOV	1954
1955	---	13.69 LE 16 JUN	12.80 LE 03 AVR	1955
1956	---	---	---	1956

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BROMPTON (LAC) - STATION NO. 020F015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1968	---	---	---	---	---	25.62R	25.58R	25.48R	25.41R	---	---	---	---	1968
1969	---	---	25.26R	25.60R	25.66R	25.58R	---	25.53R	---	---	---	25.61R	---	1969
1970	---	---	---	---	25.77R	25.68R	25.63R	25.49R	25.44R	25.20R	25.05R	25.61R	---	1970
1971	25.72R	25.73R	25.49R	25.17R	25.74R	25.59R	25.40R	25.41R	25.52R	---	---	25.34R	---	1971
1972	25.67R	25.56R	25.03R	25.49R	25.86R	25.76R	---	25.68R	25.31R	25.04R	25.63R	25.71R	---	1972
1973	25.72R	25.74R	25.49R	25.64R	25.65R	25.67R	25.66R	25.50R	25.59R	25.67R	25.64R	25.74R	25.64R	1973
1974	25.62R	25.55R	25.75R	25.87R	25.71R	25.61R	---	25.65R	25.43R	25.14R	25.63R	25.74R	---	1974
1975	25.62R	25.55R	25.40R	25.64R	25.66R	25.62R	25.42R	25.38R	25.53R	25.63R	25.69R	---	---	1975
1976	---	25.38R	25.77R	25.89R	25.76R	---	25.65R	25.66R	25.46R	25.26R	25.37R	---	---	1976
1977	25.19R	---	---	25.78R	25.53R	25.51R	25.65R	25.60R	25.63R	25.76	25.60	25.54	---	1977
1978	25.61	25.63	25.38	25.63	25.74	25.78	25.60	---	---	25.63	25.66	25.64	---	1978
1979	25.85	25.75	25.83	25.75	25.73	25.76	25.60	---	---	25.73	25.70	25.72	---	1979
1980	25.63	25.53	25.55	25.76	25.73	25.69	25.66	25.77	25.75	25.66	25.65	25.70	25.67	1980
1981	25.56	25.72	25.67	25.74	25.77	25.78	25.72	25.77	25.65	25.69	25.76	25.71	25.71	1981
1982	25.69	25.55	25.46	25.88	25.66	25.61	25.72	25.72	25.67	25.56	25.72	25.76	25.67	1982
1983	25.78	25.76	25.64	25.60	25.76	25.70	25.62	25.69	25.60	25.72	25.79	25.83	25.70	1983
1984	25.55	25.66	25.59	25.69	25.78	25.73	25.76	25.68	25.68	25.62R	25.69R	25.73R	25.68R	1984
1985	25.68	25.54	25.62	25.70	25.73	25.67	25.69	25.72	25.69	25.72R	25.77R	25.75R	25.69R	1985
1986	25.73	25.60	25.66	25.74	25.74	25.75	25.75	25.77	25.71	25.71R	25.73R	25.67R	25.72R	1986
1987	25.64	25.60	25.49	25.73	25.76	25.77	25.70	25.63	25.58	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	25.60	25.67	25.61	---	1988
1989	25.63	25.61	25.45	25.66	25.70	25.72	25.61	25.50	25.46	25.50	25.66	25.56	25.59	1989
1990	25.62	25.53	25.46	25.65	25.72	25.74	25.76	25.76	25.69	---	---	---	---	1990
MOYEN	25.64	25.62	25.53	25.68	25.72	25.68	25.64	25.61	25.57	25.55	25.63	25.67	25.67	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 213.36 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 27 45
LONG 072 08 00

BASSIN VERSANT, 138 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

BROMPTON (LAC) - STATION NO. 020F015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	25.99 LE 03 JUL	25.13 LE 07 MAR *	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	25.83 LE 30 AVR	25.49 LE 02 MAR	1980
1981	---	25.93 LE 26 FEV *	25.55 LE 05 JAN	1981
1982	---	26.15 LE 20 AVR *	25.37 LE 10 MAR	1982
1983	---	26.12 LE 17 DEC	25.40 LE 07 AVR	1983
1984	---	25.89 LE 10 MAI	25.25 LE 29 MAR	1984
1985	---	25.89 LE 05 MAR	25.22 LE 27 MAR	1985
1986	---	26.06 LE 02 AVR	25.58 LE 16 AVR	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	25.87 LE 09 AVR	25.20 LE 27 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 213.36 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BULSTRODE (RIVIERE) A SAINT-VALERE-1 - STATION NO. 020D010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1986	---	---	---	---	---	---	---	---	---	124.41R	124.49R	124.45R	---	1986
1987	124.27	124.21	124.49	124.64	124.40	124.43	124.30	---	---	---	---	---	---	1987
MOYEN	124.27	124.21	124.49	124.64	124.40	124.43	124.30	---	---	124.41	124.49	124.45	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 04 12
LONG 071 58 44

BASSIN VERSANT, 342 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

BULSTRODE (RIVIERE) A SAINT-VALERE-1 - STATION NO. 020D010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1986	---	---	---	1986
1987	---	---	---	1987

PLAN DE REFERENCE - ARBITRAIRE

BULSTRODE (RIVIERE) A SAINT-VALERE-2 - STATION NO. 020D009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1976	---	---	---	125.58	125.33	124.94	125.12	125.08	125.10	125.17	125.32	125.15	---	1976
1977	---	125.04	---	---	---	126.02	126.81	126.83	126.86	129.12	128.98	128.05	---	1977
1978	128.99	128.87	128.83	128.59	128.83	128.76	128.82	128.75	128.86	128.79	128.94	128.88	128.83	1978
1979	128.84	128.79	129.06	129.21	128.93	128.90	128.50	128.69	128.95	128.89	129.06	129.05	128.91	1979
1980	128.88	128.70	128.82	129.07	128.98	128.86	128.90	128.88	128.81	128.99	129.04	129.01	128.91	1980
1981	128.87	129.12	128.99	129.08	128.99	129.06	128.87	128.98	128.93	129.06	129.01	128.95	128.99	1981
1982	128.93	128.84	128.94	129.22	128.97	128.75	128.48	128.58	128.96	128.99	128.79	129.04	128.88	1982
1983	128.93	128.86	128.62	129.14	129.00	128.91	128.75	128.73	128.36	128.86	---	128.95	---	1983
1984	128.76	128.99	128.95	129.17	129.08	128.85	128.88	128.53	128.75	128.90R	129.02R	128.85R	128.89R	1984
1985	128.13	128.24	129.01	129.12	128.86	128.90	128.81	128.55	128.87	128.99R	129.02R	128.87R	128.78R	1985
1986	128.67	128.90	129.05	128.83	128.88	128.92	128.89	129.03	128.95	128.98R	129.01R	129.03R	128.93R	1986
1987	128.89	128.84	128.97	128.89	128.91	128.90	128.65	127.95	128.06	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	128.95	129.05	128.88	---	1988
1989	128.87	128.89	128.96	129.05	128.89	128.82	128.67	128.45	128.84	128.92	129.03	128.85	128.85	1989
1990	129.06	128.94	129.00	129.05	128.58	128.83	128.83	128.89	128.88	---	---	---	---	1990
MOYEN	128.82	128.54	128.93	128.77	128.63	128.39	128.50	128.42	128.51	128.66	128.69	128.58	128.89	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 04 12
LONG 071 58 37

BASSIN VERSANT, 342 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

BULSTRODE (RIVIERE) A SAINT-VALERE-2 - STATION NO. 020D009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	129.76 LE 10 JAN	127.27 LE 16 AVR	1978
1979	---	130.33 LE 25 MAR *	127.81 LE 26 SEP	1979
1980	---	129.83 LE 10 AVR	127.24 LE 26 SEP	1980
1981	---	129.86 LE 30 MAR	128.04 LE 24 FEV	1981
1982	---	130.30 LE 18 AVR	127.00 LE 21 NOV	1982
1983	---	---	---	1983
1984	---	129.68 LE 24 MAI	127.90 LE 17 DEC	1984
1985	---	129.75 LE 17 AVR	126.81 LE 31 JAN *	1985
1986	---	129.88 LE 31 MAR	128.02 LE 18 JAN	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	130.26 LE 29 MAR	128.28 LE 13 AOU	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CABANO (RIVIERE) AU LAC LONG - STATION NO. 01AD009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1973	---	---	---	---	29.77	29.44	29.22	29.21	29.13	29.12	29.14	---	---	1973
1974	---	29.23	29.26	29.43	30.04	---	29.24	29.17	29.13	---	---	---	---	1974
1975	29.25	29.20	29.19	29.36	29.89	29.48	29.23	29.14	29.11	29.09	29.14	---	---	1975
1976	---	29.22	---	---	---	29.40	29.27	29.52	29.45	29.57	29.59	---	---	1976
1977	---	---	---	29.73	29.82	---	---	---	29.21	29.41	29.42	---	---	1977
1978	---	---	---	---	---	29.42	---	---	---	29.11	29.14	29.19	---	1978
1979	---	---	---	29.75	29.75	---	---	29.22	29.35	29.33	29.32	---	---	1979
1980	---	---	---	---	29.58	29.34	29.34	29.33	29.24	29.26	29.31	---	---	1980
1981	---	---	---	29.67	29.62	29.44	29.34	29.51	29.31	29.37	29.49	---	---	1981
MOYEN	29.25	29.22	29.23	29.59	29.78	29.42	29.27	29.30	29.24	29.28	29.32	29.19	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 168.27 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 27 52
LONG 069 00 07

BASSIN VERSANT, 172 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

CABANO (RIVIERE) AU LAC LONG - STATION NO. 01AD009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 168.27 m POUR OBTENIR LES COTES GEODESIQUES

CANIAPISCAU (RESERVOIR) A DUPLANTER - STATION NO. 03LB005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1981	---	---	---	---	---	---	---	---	---	---	507.297R	510.168R	---	1981
1982	511.587R	512.396R	512.942R	513.414R	514.304R	518.548R	521.756R	523.542R	524.636R	525.762R	526.465R	526.996R	519.404R	1982
1983	527.277R	527.508R	527.674R	527.899R	529.005R	530.644R	531.712R	532.435R	532.962R	533.725R	534.303R	534.621R	530.634R	1983
1984	534.816R	534.685R	534.440R	533.915R	534.208R	534.973R	535.125R	535.393R	535.427R	535.085R	534.727R	534.580R	534.782R	1984
1985	534.334R	---	---	---	---	---	---	---	---	---	---	---	---	1985
MOYEN	527.004R	524.863R	525.019R	525.076R	525.839R	528.055R	529.531R	530.457R	531.008R	531.524R	525.698R	526.591R	528.340R	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 54 51 00
LONG 069 48 00

BASSIN VERSANT, 36 900 km²

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

CANIAPISCAU (RESERVOIR) A DUPLANTER - STATION NO. 03LB005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1981	---	---	---	1981
1982	---	527.993 LE 19 DEC	511.009 LE 01 JAN *	1982
1983	---	534.746 LE 31 DEC	527.140 LE 01 JAN	1983
1984	---	535.540 LE 07 SEP *	533.716 LE 23 AVR	1984
1985	---	---	---	1985

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CANIAPISCAU (RIVIERE) A DUPLANTER - STATION NO. 03LB003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1974	---	---	---	---	---	489.962R	489.043R	488.246R	488.235R	488.600R	488.668R	488.881R	---	1974
1975	488.641R	488.159R	488.072R	488.075R	488.473R	486.576R	489.020R	488.755R	488.504R	488.369R	488.590R	488.969R	488.356R	1975
1976	488.835R	488.365R	488.231R	488.482R	489.511R	489.907R	488.736R	488.517R	488.210R	488.148R	488.523R	488.916R	488.699R	1976
1977	488.607R	488.442R	488.334R	488.331R	488.834R	490.034R	488.914R	488.679R	488.883R	488.785R	488.854R	489.250R	488.830R	1977
1978	489.199R	488.821R	488.592R	488.389R	488.833R	489.443R	489.435R	489.234R	488.956R	488.582R	488.569R	488.869R	488.912R	1978
1979	489.010R	488.833R	488.532R	488.659R	490.076R	489.809R	488.910R	488.616R	488.583R	488.750R	489.144R	489.064R	488.999R	1979
1980	489.172R	489.019R	488.732R	488.516R	489.286R	489.719R	488.926R	488.596R	488.377R	488.520R	488.817R	489.119R	488.900R	1980
1981	488.846R	488.593R	488.481R	488.326R	488.785R	490.112P	489.239R	488.347R	488.170R	---	---	---	---	1981
MOYEN	488.901R	488.605R	488.425R	488.397R	489.114R	489.445R	489.028R	488.624R	488.490R	488.536R	488.738R	489.010R	488.783R	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 54 54 40
LONG 069 48 00

BASSIN VERSANT, 36 900 km²
DEBIT NATUREL

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

CANIAPISCAU (RIVIERE) A DUPLANTER - STATION NO. 03LB003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1974	---	---	---	1974
1975	---	490.359 LE 07 JUN	390.347 LE 10 JUN *	1975
1976	---	490.713 LE 31 MAI	488.091 LE 10 OCT	1976
1977	---	490.472 LE 08 JUN	488.302 LE 04 AVR	1977
1978	---	489.771 LE 27 JUN	488.302 LE 25 AVR	1978
1979	---	491.127 LE 24 MAI *	488.265 LE 07 NOV	1979
1980	---	490.015 LE 28 MAI	488.344 LE 25 SEP	1980
1981	---	---	---	1981

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHALEURS (BAIE DES) A CARLETON - STATION NO. 01BG007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1969	---	---	---	---	---	---	---	---	---	---	0.41	---	---	1969
MOYEN	---	---	---	---	---	---	---	---	---	---	0.41	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 05 25
LONG 066 06 58

DEBIT NATUREL

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

CHALEURS (BAIE DES) A CARLETON - STATION NO. 01BG007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1969	---	---	---	1969

PLAN DE REFERENCE - ARBITRAIRE

CHAMPLAIN (LAC) - STATION NO. 02PC014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1979	---	---	---	---	---	---	---	29.85	29.95	29.86	29.70	---	---	1979
1980	---	---	---	29.66	29.84	---	---	29.88	29.97	29.72	29.38	29.32	---	1980
1981	29.26	29.32	29.31	29.50	29.65	29.79	29.72	29.69	---	---	---	---	---	1981
1982	---	---	---	---	---	30.13	30.07	30.04	30.09	30.10	30.14	30.08	---	1982
1983	30.06	30.02	30.00	30.04	30.35	30.20	30.09	30.08	30.08	30.09	30.06	30.03	30.09	1983
1984	29.98	29.97	29.98	30.06	30.26	30.14	30.13	30.11	30.05	30.06R	30.08R	30.05R	30.07R	1984
1985	---	---	---	---	---	30.19	---	---	---	---	---	---	---	1985
MOYEN	29.77	29.77	29.76	29.82	30.03	30.09	30.00	29.94	30.03	29.97	29.87	29.87	30.08	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 28 15
LONG 071 27 46

BASSIN VERSANT, 17.3 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

CHAMPLAIN (LAC) - STATION NO. 02PC014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	30.58 LE 10 MAI *	29.98 LE 11 MAR	1983
1984	---	30.38 LE 02 MAI	29.95 LE 10 FEV *	1984
1985	---	---	---	1985

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAMPLAIN (LAC) A PHILIPSBURG - STATION NO. 02OH001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	---	---	---	---	4.075	---	1964
1965	4.175	4.232	4.206	4.369	4.602	4.381	4.223	4.215	4.329	4.509	4.623	4.782	4.395	1965
1966	4.685	4.607	5.034	5.297	5.193	4.911	4.528	4.362	4.342	4.282	4.266	4.326	4.652	1966
1967	4.301	4.388	4.356	5.192	5.279	5.035	4.777	4.583	4.463	4.466	4.533	4.684	4.672	1967
1968	4.609	4.556	4.757	5.511	5.218	4.910	4.789	4.555	4.392	4.267	4.313	4.778	4.721	1968
1969	4.744	4.771	4.682	5.735	6.047	5.412	4.880	4.801	4.642	4.441	4.676	4.786	4.968	1969
1970	4.717	4.814	4.766	5.590	5.858	5.080	4.691	4.469	4.375	4.439	4.441	4.496	4.811	1970
1971	4.471	4.482	4.750	5.538	6.212	5.391	4.815	4.693	4.865	4.649	4.422	4.547	4.905	1971
1972	4.619	4.542	4.698	5.430	6.211	5.556	5.277	5.161	4.789	4.496	4.664	5.040	5.042	1972
1973	5.183	5.333	5.578	5.929	5.623	5.647	5.557	5.040	4.731	4.652	4.514	4.853	5.219	1973
1974	5.350	5.194	5.232	5.665	5.882	5.348	4.963	4.769	4.578	4.470	4.474	4.775	5.058	1974
1975	4.694	4.596	4.816	5.334	5.493	4.969	4.617	4.423	4.425	4.745	5.015	5.060	4.850	1975
1976	4.809	5.069	5.690	6.175	5.812	5.393	5.132	5.312	5.111	5.096	5.120	4.842	5.296	1976
1977	4.610	4.498	5.183	5.914	5.462	4.806	4.520	4.437	4.524	5.367	5.458	5.332	5.012	1977
1978	5.291	5.222	4.909	5.855	5.845	5.295	4.882	4.539	4.315	4.241	4.207	4.144	4.893	1978
1979	4.526	4.620	5.375	5.854	5.481	5.119	4.691	4.498	4.642	4.577	4.609	4.745	4.895	1979
1980	4.642	4.368	4.342	5.029	4.964	4.618	4.433	4.446	4.446	4.435	4.458	4.652	4.570	1980
1981	4.509	4.875	5.405	5.275	5.058	4.892	4.644	4.708	4.780	5.134	5.388	5.051	4.976	1981
1982	4.837	4.735	4.775	5.756	5.622	5.012	4.772	4.516	4.383	4.291	4.337	4.402	4.786	1982
1983	4.457	4.641	4.816	5.383	6.246	5.749	4.977	4.753	4.529	4.390	4.686	5.640	5.025	1983
1984	5.389	5.139	5.189	5.509	5.639	5.672	5.158	4.780	4.553	4.395	4.362	4.525	5.025	1984
1985	4.845	4.657	5.061	5.340	5.154	4.833	4.687	4.449	4.392	4.523	4.694	4.732	4.781	1985
1986	4.549	4.671	4.959	5.859	5.195	5.020	4.785	4.834	4.780	4.828	4.687	4.857	4.919	1986
1987	4.660	4.501	4.593	5.588	4.992	4.751	4.676	4.482	4.407	4.573	4.689	4.796	4.726	1987
1988	4.586	4.549	4.508	5.116	5.152	4.690	4.483	4.416	4.406	4.294	4.648	4.712	4.629	1988
1989	4.448	4.318	4.405	5.320	5.475	5.191	4.836	4.753	4.702	4.768	5.014	4.805	4.838	1989
1990	4.677	4.954	---	---	---	---	---	---	---	---	5.408	5.362	---	1990
MOYEN	4.707	4.705	4.887	5.503	5.509	5.107	4.792	4.640	4.556	4.573	4.681	4.770	4.867	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 24.384 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 02 23
LONG 073 04 47

DEBIT NATUREL

CHAMPLAIN (LAC) A PHILIPSBURG - STATION NO. 020H001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE		NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1964	---		---		3.968	LE 24 NOV *	1964
1965	---		4.932	LE 01 DEC	4.093	LE 31 JUL	1965
1966	---		5.398	LE 21 AVR	4.173	LE 02 NOV	1966
1967	---		5.459A	LE 22 AVR	4.246A	LE 24 JAN	1967
1968	---		5.721	LE 08 AVR	4.127	LE 12 NOV	1968
1969	6.300 LE 27 AVR A 16:35 HNE		6.291	LE 01 MAI	4.322	LE 22 OCT	1969
1970	6.279 LE 01 MAI A 09:20 HNE		6.227	LE 01 MAI	4.316	LE 15 SEP	1970
1971	6.437 LE 13 MAI A 00:48 HNE		6.395	LE 12 MAI	4.307	LE 22 NOV	1971
1972	6.532 LE 11 MAI A 10:30 HNE	*	6.474	LE 11 MAI	4.309	LE 29 OCT	1972
1973	6.163 LE 06 AVR A 14:30 HNE		6.123	LE 06 AVR	4.407	LE 15 NOV	1973
1974	6.084 LE 01 MAI A 14:06 HNE		6.017	LE 01 MAI	4.322	LE 21 NOV	1974
1975	5.709 LE 01 MAI A 22:33 HNE		5.691	LE 02 MAI	4.328	LE 30 AOU	1975
1976	6.529 LE 05 AVR A 07:28 HNE		6.514	LE 05 AVR *	4.706	LE 31 DEC	1976
1977	6.130 LE 28 AVR A 07:18 HNE		6.032	LE 06 AVR	4.362	LE 15 AOU	1977
1978	6.276 LE 01 MAI A 15:15 HNE		6.197	LE 30 AVR	4.112	LE 07 DEC	1978
1979	6.105 LE 06 AVR A 07:59 HNE		6.023	LE 06 AVR	4.203E	LE 01 JAN	1979
1980	5.346 LE 20 AVR A 09:50 HNE		5.207	LE 20 AVR	4.191	LE 13 MAR	1980
1981	5.708 LE 28 FEV A 20:08 HNE		5.692	LE 02 MAR	4.427	LE 01 FEV	1981
1982	6.129 LE 21 AVR A 00:46 HNE		6.077	LE 26 AVR	4.196	LE 02 NOV	1982
1983	6.459A LE 08 MAI A 08:39 HNE		6.458A	LE 08 MAI	4.259	LE 04 NOV	1983
1984	5.931 LE 09 JUN A 15:17 HNE		5.931	LE 09 JUN	4.271	LE 07 NOV	1984
1985	5.458 LE 24 AVR A 10:52 HNE		5.427	LE 24 AVR	4.312	LE 31 AOU	1985
1986	6.160 LE 07 AVR A 00:07 HNE		6.110	LE 06 AVR	4.452	LE 19 JAN	1986
1987	5.801 LE 10 AVR A 07:40 HNE		5.768	LE 10 AVR	4.294	LE 08 SEP	1987
1988	5.437 LE 13 MAI A 15:39 HNE		5.343	LE 10 MAI	4.150	LE 22 OCT	1988
1989	5.648 LE 15 MAI A 06:05 HNE		5.633	LE 15 MAI	4.279	LE 21 FEV	1989
1990	---		---		---		1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 24.38 m POUR OBTENIR LES COTES GEODESIQUES

A - JAUGE MANUELLE (VOIR INDEX DE REFERENCE)

E - ESTIMATIVE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHATEAUGUAY (RIVIERE) A CHATEAUGUAY-CENTRE - STATION NO. 020A012

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1937	---	---	---	---	---	---	---	---	---	21.222	21.444	21.517	---	1937
1938	21.679	22.114	22.578	22.047	21.740	21.218	21.134	21.079	21.157	21.140	21.168	21.528	21.546	1938
1939	21.815	21.645	21.988	22.922	21.808	21.405	21.201	21.117	21.105	21.141	21.264	21.638	21.586	1939
1940	21.528	21.613	21.876	22.696	21.547	21.527	21.395	21.172	21.122	21.130	21.358	21.815	21.564	1940
1941	22.009	21.737	21.671	22.201	21.297	21.170	21.042	21.018	21.016	21.049	21.192	21.490	21.412	1941
1942	21.936	21.569	22.506	22.213	21.352	21.303	21.081	21.095	21.094	21.107	21.231	21.349	21.493	1942
1943	21.691	22.194	22.877	22.068	22.410	21.900	21.547	21.374	21.299	21.299	21.612	21.766	21.835	1943
1944	21.838	21.922	22.512	22.112	21.608	21.281	21.164	21.082	21.100	21.173	21.226	21.554	21.547	1944
1945	21.691	21.771	22.647	21.914	22.237	21.639	21.352	21.154	21.204	21.689	21.777	22.014	21.759	1945
1946	22.156	21.994	22.603	21.695	21.718	21.293	21.108	21.110	21.056	21.416	21.734	21.999	21.656	1946
1947	22.174	22.231	22.431	22.623	22.592	22.650	22.023	21.491	21.383	21.191	21.428	21.920	22.010	1947
1948	21.552	21.815	22.514	21.826	21.691	21.446	21.189	21.172	21.051	21.030	21.246	21.328	21.484	1948
1949	22.228	22.361	22.355	22.026	21.476	21.131	21.020	21.033	21.140	21.204	21.420	21.918	21.605	1949
1950	22.392	21.872	22.261	22.381	21.597	21.392	21.217	21.213	21.238	21.215	21.623	21.897	21.690	1950
1951	22.561	22.362	22.917	22.667	21.895	21.504	21.619	21.286	21.205	21.208	21.606	21.748	21.874	1951
1952	22.364	22.269	22.643	22.280	21.871	21.841	21.532	21.301	21.255	21.413	21.312	21.717	21.822	1952
1953	22.023	22.401	22.727	22.152	21.846	21.370	21.264	21.178	21.158	21.142	21.070	21.382	21.639	1953
1954	21.620	22.001	22.352	22.388	21.948	21.719	21.340	21.228	21.563	21.819	21.847	22.169	21.831	1954
1955	22.339	21.904	22.812	22.718	21.666	21.396	21.158	21.180	21.159	21.160	21.308	21.240	21.668	1955
1956	21.626	21.474	21.850	22.356	21.914	21.536	21.253	21.097	21.147	21.063	20.998	21.310	21.468	1956
1957	22.031	22.244	22.476	21.777	21.660	21.382	21.386	21.119	21.081	21.116	21.202	21.877	21.610	1957
1958	22.054	21.916	21.869	22.568	21.719	21.618	21.472	21.372	21.491	21.747	21.731	22.003	21.795	1958
1959	22.022	21.971	22.265	22.320	21.736	21.739	21.453	21.397	21.219	21.182	21.343	21.802	21.702	1959
1960	21.747	22.135	21.963	23.069	22.170	21.688	21.583	21.327	21.059	21.136	21.273	21.261	21.698	1960
1961	21.404	21.616	22.199	22.310	21.611	21.644	21.467	21.296	21.203	21.139	21.179	21.658	21.560	1961
1962	21.717	21.701	22.211	22.442	21.857	21.448	21.444	21.879	21.495	21.843	22.066	22.050	21.847	1962
1963	21.894	21.672	22.240	22.744	22.122	21.186	21.070	21.256	21.345	21.187	21.663	21.808	21.682	1963
1964	21.793	21.671	21.918	21.828	21.403	21.156	21.076	21.120	21.106	21.109	21.200	21.487	21.405	1964
1965	21.594	22.115	21.530	21.559	21.320	21.073	21.051	21.240	21.318	21.503	21.732	21.794	21.481	1965
1966	21.970	21.909	22.437	21.789	21.466	21.236	21.080	21.161	21.123	21.097	21.184	21.478	21.493	1966
1967	21.560	21.697	21.720	22.199	21.609	21.354	21.228	21.187	21.201	21.403	21.893	21.926	21.580	1967
1968	21.888	21.900	22.318	21.880	21.452	21.208	21.331	21.364	21.399	21.311	21.610	21.906	21.630	1968
1969	21.942	22.043	21.928	22.578	21.980	21.815	21.671	21.653	21.462	21.320	21.603	21.604	21.797	1969
1970	21.600	21.674	21.821	22.472	21.746	21.392	21.477	21.469	21.441	21.477	21.519	21.779	21.655	1970
1971	21.784	21.824	22.149	22.954	22.240	21.482	21.258	21.318	21.357	21.238	21.182	21.651	21.702	1971
1972	21.858	21.708	21.889	22.836	22.373	22.037	22.050	22.015	21.758	21.759	22.038	22.179	22.042	1972
1973	22.344	22.427	22.828	22.503	22.385	22.307	22.079	21.831	21.746	21.727	21.679	21.920	22.147	1973
1974	22.132	22.041	22.243	22.711	22.694	22.333	22.049	21.862	21.657	21.596	21.617	21.738	22.056	1974
1975	21.788	21.668	22.080	22.449	22.012	21.805	21.494	21.379	21.451	21.611	21.853	21.939	21.794	1975
1976	21.771	22.269	22.680	22.615	22.458	22.090	22.028	21.794	21.684	21.876	21.660	21.646	22.047	1976
1977	21.651	21.552	22.432	22.187	21.637	21.282	21.151	21.246	21.452	22.170	21.860	22.129	21.731	1977
1978	22.173	22.132	21.928	22.921	22.054	21.745	21.409	21.305	21.275	21.257	21.165	21.300	21.720	1978
1979	21.732	21.727	22.433	22.252	22.189	21.678	21.401	21.336	21.614	21.679	21.806	21.950	21.817	1979
1980	21.634	21.291	21.557	22.018	21.781	21.454	21.441	21.531	21.670	21.605	21.772	22.263	21.669	1980
1981	21.695	22.319	21.824	21.918	21.541	21.513	21.389	22.300	22.552	22.551	22.551	22.256	22.031	1981
1982	21.920	21.712	22.078	22.178	21.678	21.499	21.444	21.351	21.357	21.314	21.648	21.861	21.670	1982
1983	21.658	21.820	21.922	22.263	22.263	21.876	21.400	21.338	21.203	21.280	21.655	22.464	21.768	1983
1984	21.839	22.086	21.974	22.235	22.083	21.852	21.684	21.621	21.535	21.265	21.340	21.655	21.763	1984
1985	21.947	21.947	22.346	22.183	21.976	21.631	21.633	21.563	21.511	21.537	21.640	21.637	21.795	1985
1986	21.871	21.992	22.264	22.157	22.048	21.892	21.824	21.901	21.839	21.994	22.034	22.066	21.990	1986
1987	21.746	21.712	22.245	22.112	21.656	21.596	21.531	21.302	21.242	21.210	21.273	21.727	21.613	1987
1988	21.491	21.701	21.618	21.806	21.502	21.089	21.175	21.167	21.183	21.359	21.847	21.472	21.449	1988
1989	1.381	1.398	1.646	1.772	1.521	1.453	1.268	1.217	1.185	1.205	1.575	1.557	1.431	1989
1990	21.750	21.924	22.054	22.105	21.730	21.542	21.406	21.316	21.177	21.650	21.714	21.849	21.683	1990
MOYEN	21.483	21.524	21.836	21.908	21.468	21.185	21.029	20.981	20.961	21.023	21.166	21.389	21.327	MOYEN

PLAN DE REFERENCE - MINISTERE DES TRAVAUX PUBLICS
AJOUTER -20.050 m POUR OBTENIR LES COTES ARBITRAIRE

LOCATION - LAT 45 21 42
LONG 073 44 53 REGULARISE

CHATEAUGUAY (RIVIERE) A CHATEAUGUAY-CENTRE - STATION NO. 020A012

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1937	---	---	---	1937
1938	---	24.967 LE 21 MAR	20.941 LE 29 AOU	1938
1939	---	24.169 LE 10 AVR	20.971 LE 03 SEP	1939
1940	---	24.980 LE 10 AVR	20.990 LE 23 SEP	1940
1941	---	23.251 LE 03 AVR	20.883 LE 10 AOU	1941
1942	---	24.117 LE 19 MAR	20.840 LE 23 AOU	1942
1943	---	24.528 LE 27 MAR	21.130 LE 09 OCT	1943
1944	---	24.861 LE 26 MAR	20.965 LE 09 AOU	1944
1945	---	24.175 LE 18 MAR	21.048 LE 19 AOU	1945
1946	---	24.897 LE 10 MAR	20.837 LE 03 SEP	1946
1947	---	24.013 LE 07 AVR	20.909 LE 31 OCT	1947
1948	---	25.065 LE 17 MAR	20.998 LE 28 OCT	1948
1949	---	24.772 LE 25 MAR	20.862 LE 12 JUL	1949
1950	---	25.309 LE 29 MAR *	21.026 LE 09 OCT	1950
1951	---	25.126 LE 30 MAR	20.938 LE 30 AOU	1951
1952	---	23.901 LE 28 MAR	21.063 LE 05 NOV	1952
1953	---	23.803 LE 17 MAR	20.856 LE 04 NOV	1953
1954	---	23.498 LE 02 MAR	21.115 LE 04 AOU	1954
1955	---	24.373 LE 13 MAR	21.017 LE 14 OCT	1955
1956	---	23.864 LE 06 AVR	20.868 LE 29 OCT	1956
1957	---	24.721 LE 16 MAR	20.877 LE 31 OCT	1957
1958	---	23.468 LE 06 AVR	20.883 LE 09 AOU	1958
1959	---	22.816 LE 10 AVR	20.981 LE 21 SEP	1959
1960	---	25.132 LE 03 AVR	21.002 LE 26 SEP	1960
1961	---	23.279 LE 04 MAR	20.892 LE 15 OCT	1961
1962	---	24.254 LE 29 MAR	21.185 LE 14 JUN	1962
1963	---	25.013 LE 31 MAR	21.005 LE 02 JUL	1963
1964	---	22.919 LE 06 MAR	20.956 LE 26 JUN	1964
1965	---	23.907 LE 13 FEV	20.883 LE 04 JUL	1965
1966	---	24.144 LE 06 MAR	21.063 LE 17 OCT	1966
1967	---	23.846 LE 03 AVR	21.115 LE 08 AOU	1967
1968	---	23.660 LE 22 MAR	21.112 LE 19 JUN	1968
1969	---	23.291 LE 11 AVR	21.157 LE 11 OCT	1969
1970	---	23.520 LE 10 AVR	21.188 LE 22 JUN	1970
1971	---	23.846 LE 22 AVR	21.142 LE 15 NOV	1971
1972	---	23.605 LE 08 AOU	21.569 LE 23 OCT	1972
1973	---	24.263 LE 09 MAR	21.493 LE 30 OCT	1973
1974	---	24.748 LE 05 AVR	21.404 LE 12 NOV	1974
1975	---	23.770 LE 20 AVR	21.307 LE 25 AOU	1975
1976	---	23.949 LE 22 MAR	21.453 LE 05 DEC	1976
1977	---	24.099 LE 12 MAR	21.090 LE 26 JUL	1977
1978	---	24.181 LE 14 AVR	19.981 LE 31 MAR	1978
1979	---	23.742 LE 06 MAR	21.221 LE 31 JUL	1979
1980	---	22.903 LE 19 MAR	20.806 LE 11 MAR	1980
1981	---	24.194 LE 29 OCT	21.212 LE 31 JUL	1981
1982	---	23.752 LE 01 AVR	21.186 LE 23 AOU	1982
1983	---	23.595 LE 14 DEC	21.112 LE 04 OCT	1983
1984	---	23.297 LE 16 FEV	21.163 LE 01 NOV	1984
1985	---	23.996 LE 27 FEV	21.268 LE 03 NOV	1985
1986	---	24.143 LE 20 MAR	21.431 LE 13 JAN	1986
1987	---	23.546 LE 26 MAR	21.043 LE 06 SEP	1987
1988	---	23.037 LE 30 AVR	20.953 LE 19 JUN	1988
1989	---	3.449 LE 29 MAR	1.044 LE 15 OCT *	1989
1990	---	---	---	1990

PLAN DE REFERENCE - MINISTERE DES TRAVAUX PUBLICS
AJOUTER -20.05 m POUR OBTENIR LES COTES ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAUDIERE (RIVIERE) A SAINT-LAMBERT-DE-LEVIS - STATION NO. 02RJ005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	20.93	21.10	21.32	---	1982
1983	21.45	21.44	21.55	22.49	21.63	21.12	20.63	20.61	20.68	20.91	21.27	21.53	21.27	1983
1984	21.29	21.55	21.67	22.41	21.44	21.35	21.32	20.80	20.71	20.82R	20.95R	21.30R	21.30R	1984
1985	21.62	21.44	21.92	22.43	21.24	21.00	20.85	20.71	20.79	20.97R	21.18R	21.08R	21.27R	1985
1986	21.39	21.32	21.63	21.84	21.18	20.94	20.92	21.22	21.06	21.12R	21.10R	21.61R	21.28R	1986
1987	21.46	21.32	21.65	21.82	21.04	21.06	20.86	20.66	20.72	20.87R	20.94R	21.17R	21.13R	1987
1988	21.19	21.42	21.50	21.94	21.02	20.70	20.73	21.18	20.82	21.05	21.25	21.04	21.15	1988
1989	21.00	21.15	21.61	21.86	21.45	20.90	20.66	20.89	20.89	20.90	21.29	21.24	21.15	1989
1990	21.50	21.62	21.72	21.71	21.24	21.30	20.90	21.16	20.79	---	---	---	---	1990
MOYEN	21.36	21.41	21.66	22.06	21.28	21.05	20.86	20.90	20.81	20.95	21.14	21.29	21.22	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 91.44 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 35 16
LONG 071 12 59

BASSIN VERSANT, 5 820 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

CHAUDIERE (RIVIERE) A SAINT-LAMBERT-DE-LEVIS - STATION NO. 02PJ005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	23.43 LE 27 AVR	20.58 LE 21 JUL	1983
1984	---	23.46 LE 08 AVR	20.62 LE 16 SEP	1984
1985	---	23.33 LE 18 AVR	20.62 LE 25 AOU	1985
1986	---	24.07 LE 01 AVR	20.70 LE 24 JUN	1986
1987	---	24.92 LE 02 AVR *	20.58 LE 08 SEP	1987
1988	---	23.44 LE 05 AVR	20.62 LE 25 JUN	1988
1989	---	24.42 LE 30 MAR	20.57 LE 26 JUL *	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 91.44 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAUDIERE (RIVIERE) A SAINTE-MARIE - STATION NO. 02PJ006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	43.09	43.46	43.94	---	1982
1983	43.64	43.42	43.70	45.58	44.41	43.39	42.47	42.44	42.56	43.00	43.71	43.96	43.52	1983
1984	43.31	43.80	43.85	45.35	44.01	43.79	43.75	42.76	42.57	42.81R	43.11R	43.41R	43.54R	1984
1985	43.41	43.28	44.08	45.15	---	---	---	---	42.86	43.20R	43.59R	43.16R	---	1985
1986	43.62	43.73	44.10	44.61	43.54	43.10	43.07	43.59	43.24	43.43R	43.91R	43.22R	43.59R	1986
1987	43.21	43.07	43.90	44.53	43.33	43.37	42.93	42.57	42.67	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	---	43.71	43.05	---	1988
1989	42.91	43.05	---	44.75	44.09	43.08	42.60	42.99	42.97	42.96	43.64	---	---	1989
1990	---	44.01	44.14	44.43	43.72	43.73	43.03	---	42.76	---	---	---	---	1990
MOYEN	43.35	43.48	43.96	44.91	43.85	43.41	42.98	42.87	42.80	43.08	43.59	43.46	43.55	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 97.56 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 26 09 BASSIN VERSANT, 5 570 km²
LONG 071 01 18 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

CHAUDIERE (RIVIERE) A SAINTE-MARIE - STATION NO. 02PJ006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	47.20 LE 27 AVR	42.37 LE 21 JUL *	1983
1984	---	46.75 LE 18 AVR	42.39 LE 20 SEP	1984
1985	---	---	---	1985
1986	---	47.90 LE 01 AVR *	42.59 LE 23 JUN	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 97.56 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAUDIERE (RIVIERE) AU RESERVOIR SARTIGAN - STATION NO. 02PJ015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	45.28	45.49	45.54	---	1982
1983	45.50	45.58	45.64	46.41	45.70	45.45	45.05	45.02	45.06	45.27	45.49	45.54	45.47	1983
1984	45.25	45.66	45.78	46.18	45.56	45.56	45.46	45.10	45.02	45.15R	45.27R	45.34R	45.44R	1984
1985	45.40	45.70	45.93	46.10	45.46	45.34	45.27	45.30	45.23	45.40R	45.43R	45.21R	45.48R	1985
1986	45.44	45.53	45.96	45.66	45.42	45.20	45.19	45.43	45.27	45.50R	45.29R	45.31R	45.43R	1986
1987	45.38	45.47	45.92	---	45.41	45.38	45.04	---	---	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	45.37	45.59	45.15	---	1988
1989	45.01	45.05	45.57	45.76	45.37	44.80	44.96	45.40	45.29	45.29	45.49	45.15	45.26	1989
1990	45.39	45.43	45.63	45.65	45.48	45.46	45.22	45.27	45.09	---	---	---	---	1990
MOYEN	45.34	45.49	45.78	45.96	45.49	45.31	45.17	45.25	45.16	45.32	45.44	45.32	45.42	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 128.76 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 05 52 BASSIN VERSANT, 3 070 km²
LONG 070 39 22 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

CHAUDIERE (RIVIERE) AU RESERVOIR SARTIGAN - STATION NO. 02PJ015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	47.34 LE 10 AVR	44.28 LE 12 MAR	1983
1984	---	47.65 LE 07 AVR	44.54 LE 11 SEP	1984
1985	---	47.34 LE 17 AVR	44.99 LE 30 MAI	1985
1986	---	48.18 LE 28 JAN *	44.50 LE 18 NOV	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	46.90 LE 29 MAR	43.77 LE 25 MAI *	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 128.76 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE A MEGANTIC - STATION NO. 02PJ012

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	46.04	45.96	46.27	---	1982
1983	46.21	46.13	46.01	46.74	46.84	46.32	45.89	45.87	45.87	46.22	46.05	46.48	46.22	1983
1984	45.99	46.05	46.39	47.00	46.65	46.52	46.32	45.86	45.92	46.04R	45.82R	46.10R	46.22R	1984
1985	46.25	45.98	46.47	46.87	46.67	46.18	46.14	46.00	46.19	46.25R	46.18R	46.03R	46.27R	1985
1986	46.15	46.44	46.25	46.84	46.29	45.98	45.95	46.18	---	46.41R	45.94R	46.06R	---	1986
1987	45.97	45.95	46.14	47.21	46.13	46.25	46.02	45.91	45.97	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	46.30	46.17	46.06	---	1988
1989	45.93	45.93	46.34	47.00	46.74	46.06	45.82	46.23	46.20	46.20	46.13	45.96	46.21	1989
1990	46.13	46.30	46.81	46.71	46.47	46.34	45.98	46.11	45.87	---	---	---	---	1990
MOYEN	46.09	46.11	46.34	46.91	46.54	46.24	46.02	46.02	46.00	46.21	46.04	46.14	46.23	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 346.02 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 34 26 BASSIN VERSANT, 775 km²
LONG 070 52 50 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE A MEGANTIC - STATION NO. 02PJ012

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	48.27 LE 05 MAI *	45.61 LE 28 SEP *	1983
1984	---	47.98 LE 01 JUN	45.77 LE 16 JUN	1984
1985	---	47.79 LE 27 AVR	45.83 LE 15 DEC	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	48.12 LE 31 MAR	45.78 LE 24 JUL	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 346.02 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE SARTIGAN - STATION NO. 02PJ014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	29.46	29.69	29.70	---	1982
1983	29.68	30.10	29.96	30.43	30.10	29.71	29.08	29.05	29.13	29.44	29.70	29.85	29.68	1983
1984	29.54	29.81	29.76	30.45	29.97	29.85	29.71	29.19	29.06	29.26R	29.39R	29.51R	29.62R	1984
1985	29.73	29.74	30.04	30.22	29.82	29.48	29.40	29.20	29.37	29.57R	29.74R	29.35R	29.64R	1985
1986	29.60	31.07	31.37	30.01	29.68	29.36	29.33	29.63	29.46	29.63R	29.46R	29.57R	29.84R	1986
1987	29.49	29.49	29.91	30.19	29.59	29.60	29.34	29.05	29.13	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	29.56	29.74	29.33	---	1988
1989	29.22	29.23	29.79	30.10	29.89	29.36	29.04	29.53	29.42	29.41	29.79	---	---	1989
1990	29.97	30.09	---	---	29.82	29.87	29.41	---	---	---	---	---	---	1990
MOYEN	29.60	29.93	30.14	30.23	29.84	29.60	29.33	29.27	29.26	29.48	29.64	29.55	29.70	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 137.88 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 05 52 BASSIN VERSANT, 3 070 km²
LONG 070 39 22 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE SARTIGAN - STATION NO. 02PJ014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	31.79 LE 21 MAR	28.71 LE 10 NOV *	1983
1984	---	31.21 LE 01 JUN	28.87 LE 12 SEP	1984
1985	---	31.20 LE 26 FEV	29.02 LE 23 AOU	1985
1986	---	32.44 LE 30 MAR *	28.98 LE 22 NOV	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 137.88 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAUDIERE (RIVIERE) EN AVAL DU RUISSEAU DROLET - STATION NO. 02PJ002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	17.26	17.44	17.64	---	1982
1983	17.61	17.49	17.44	18.12	18.05	17.66	17.19	17.18	---	---	---	---	---	1983
MOYEN	17.61	17.49	17.44	18.12	18.05	17.66	17.19	17.18	---	17.26	17.44	17.64	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 41 30 LONG 070 47 09 — BASSIN VERSANT, 1 170 km² REGULARISE — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

CHAUDIERE (RIVIERE) EN AVAL DU RUISSEAU DROLET - STATION NO. 02PJ002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

CHENE (RIVIERE DU) AU SUD DU VILLAGE DE BELLE-RIVIERE - STATION NO. 020A028

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1986	3.561	3.529	4.135	3.429	3.214	3.260	3.257	---	---	---	---	3.359	---	1986
1987	3.296	3.606	---	---	---	---	---	---	3.183	3.223	---	3.392	---	1987
1988	---	---	3.918	---	---	---	---	---	3.102	3.216	3.386	3.247	---	1988
1989	---	---	3.783	3.388	3.272	3.239	3.101	3.105	3.110	3.186	3.474	3.488	---	1989
1990	3.736	3.781	3.919	---	---	3.215	3.155	3.128	3.090	---	---	---	---	1990
MOYEN	3.531	3.639	3.939	3.408	3.243	3.238	3.171	3.117	3.121	3.208	3.430	3.372	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 32.696 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 36 48 LONG 074 06 17 — BASSIN VERSANT, 53.6 km² DEBIT NATUREL

CHENE (RIVIERE DU) AU SUD DU VILLAGE DE BELLE-RIVIERE - STATION NO. 020A028

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1986	5.361 LE 19 MAR A 22:39 HNE	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	5.265 LE 16 NOV A 18:43 HNE	5.172 LE 29 MAR *	3.072 LE 31 AOU *	1989
1990	5.429 LE 04 AVR A 15:06 HNE *	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 32.69 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHIBOUGAMAU (LAC) DANS LA BAIE DU COMMENCEMENT - STATION NO. 03AA006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	13.59	13.46	13.41	---	13.24	---	1964
1965	13.15	13.02	12.86	12.67	13.13	13.45	13.38	13.50	13.42	13.37	13.25	13.13	13.20	1965
1966	12.98	12.86	12.81	12.85	13.21	---	---	---	13.48	13.51	13.61	13.45	---	1966
1967	13.23	12.94	12.77	12.56	12.84	13.34	13.23	12.82	12.63	---	---	---	---	1967
1968	---	---	---	---	---	13.23	13.11	13.09	13.18	13.13	---	12.98	---	1968
1969	12.90	---	---	---	---	---	---	---	---	---	---	---	---	1969
MOYEN	13.07	12.94	12.81	12.69	13.06	13.34	13.24	13.25	13.23	13.36	13.43	13.20	13.20	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 351.44 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 49 53 58
LONG 074 14 34

DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

CHIBOUGAMAU (LAC) DANS LA BAIE DU COMMENCEMENT - STATION NO. 03AA006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	13.57 LE 13 AOU *	12.63 LE 27 AVR *	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 351.44 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHIBOUGAMAU (LAC) DANS LA BAIE QUEYLUS - STATION NO. 03AA007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	74.66	74.53	74.46	74.35	74.29	---	1964
1965	74.20	74.10	---	73.93	---	74.47	---	74.52	74.43	74.36	74.24	74.14	---	1965
1966	74.04	73.98	73.95	73.99	74.23	74.55	74.44	74.54	74.42	74.46	74.53	74.48	74.30	1966
1967	74.33	74.19	74.07	74.01	74.14	74.39	74.31	74.17	74.06	74.19	74.41	74.33	74.22	1967
1968	74.18	74.10	73.99	74.05	74.35	74.28	74.18	74.16	74.23	74.19	74.16	74.08	74.16	1968
1969	74.05	73.99	73.94	73.92	74.20	74.56	74.52	74.36	74.26	74.22	74.25	74.23	74.21	1969
1970	74.16	74.08	74.01	73.97	74.35	74.69	74.66	74.55	74.39	74.28	74.13	74.05	74.28	1970
1971	73.99	73.96	73.94	73.92	74.20	74.27	74.18	---	74.20	74.23	74.20	---	---	1971
1973	---	---	---	---	---	---	---	---	74.41	---	---	---	---	1973
1974	---	74.09	74.00	73.98	74.40	74.92	74.65	---	---	74.15	---	---	---	1974
1975	---	---	73.96	73.94	74.26	74.56	---	---	---	74.23	74.20	---	---	1975
1976	74.08	74.01	---	74.02	74.26	74.62	---	---	74.26	74.24	74.21	---	---	1976
1977	---	---	74.00	73.98	74.36	74.54	74.43	---	74.25	74.14	---	74.05	---	1977
1978	74.04	74.06	74.08	---	---	---	---	---	74.42	---	---	---	---	1978
1981	---	---	---	29.26	29.60	29.65	29.50	29.23	29.12	---	---	---	---	1981
1982	---	29.07	29.04	29.07	29.49	---	---	---	---	---	---	---	---	1982
MOYEN	74.12	69.97	69.91	67.08	66.82	70.79	69.43	68.77	70.84	74.26	74.27	74.21	74.23	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 49 44 53
LONG 074 23 55

BASSIN VERSANT, 1 020 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

CHIBOUGAMAU (LAC) DANS LA BAIE QUEYLUS - STATION NO. 03AA007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	74.61 LE 09 AOU	73.93 LE 17 MAR	1966
1967	---	74.46 LE 12 NOV	73.98 LE 29 AVR	1967
1968	---	74.40 LE 19 MAI	73.95 LE 26 MAR	1968
1969	---	74.60 LE 11 JUN	73.91 LE 01 AVR *	1969
1970	---	74.76 LE 15 JUN *	73.94 LE 21 AVR	1970
1971	---	---	---	1971
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1981	---	---	---	1981
1982	---	---	---	1982

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHICOUTIMI (RIVIERE) AU RESERVOIR KENOGAMI - STATION NO. 02RH002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1910	26.96	25.94	25.11	26.38	27.42	27.57	---	---	27.39	27.55	---	26.56	---	1910
1911	25.00	24.66	24.68	25.20	---	27.70	27.77	27.10	---	25.51	25.72	25.77	---	1911
1912	25.49	25.44	---	25.79	27.39	---	27.67	27.67	---	---	---	---	---	1912
1923	---	---	---	---	---	---	---	---	---	26.75	27.63	27.32	---	1923
1924	26.00	25.29	25.36	25.77	28.44	31.09	31.01	31.02	31.09	30.62	30.98	30.90	28.98	1924
1925	29.65	28.29	27.30	27.21	31.19	34.65	34.89	34.72	33.94	34.32	34.04	33.43	31.99	1925
1926	32.22	30.33	27.98	25.51	30.40	34.84	34.96	34.40	33.84	33.20	33.72	33.77	32.11	1926
1927	32.59	30.26	27.81	26.60	31.87	34.95	34.97	34.44	33.24	33.44	34.94	34.79	32.48	1927
1928	33.98	32.44	30.32	28.99	31.36	34.61	34.95	34.93	34.29	33.93	34.33	33.90	33.17	1928
1929	33.18	31.52	29.26	27.27	32.16	34.78	34.85	34.84	34.63	34.77	34.86	34.20	33.04	1929
1930	33.31	32.01	30.11	28.19	32.85	34.86	34.86	34.73	34.69	34.28	34.14	34.41	33.22	1930
1931	33.41	31.59	29.11	28.67	34.09	34.88	34.83	34.63	34.63	34.87	34.89	34.75	33.38	1931
1932	34.58	33.71	31.26	29.35	32.96	34.81	34.90	34.87	34.78	34.89	34.49	33.28	33.66	1932
1933	32.31	31.53	30.22	29.03	31.79	34.85	34.73	34.02	33.42	33.74	33.62	32.73	32.68	1933
1934	31.55	29.84	27.83	26.88	33.69	34.88	34.84	34.49	33.93	33.04	33.27	34.61	32.43	1934
1935	33.65	32.21	29.58	27.37	33.29	34.88	34.77	34.49	33.59	33.70	34.18	33.32	32.93	1935
1936	31.96	30.14	28.88	29.90	33.77	34.76	34.52	34.44	34.14	34.61	34.34	33.46	32.92	1936
1937	33.57	32.17	29.69	27.65	33.76	34.74	34.46	34.34	34.04	34.01	34.77	34.13	33.12	1937
1938	32.88	31.06	28.84	28.64	33.58	34.76	34.77	34.87	34.77	34.76	34.37	33.64	33.09	1938
1939	32.51	30.63	28.44	26.23	31.92	34.68	34.81	34.74	34.54	34.93	34.73	34.14	32.71	1939
1940	32.93	31.36	29.53	27.05	31.73	34.78	34.50	33.30	32.92	32.31	32.71	33.15	32.20	1940
1941	32.57	31.31	29.41	29.74	34.85	34.82	34.73	33.37	34.47	34.92	34.97	34.69	33.33	1941
1942	33.40	31.31	29.02	27.03	34.13	34.90	34.61	33.66	31.68	31.20	31.55	30.68	31.94	1942
1943	29.50	28.41	27.19	26.05	30.50	34.60	34.87	34.91	34.44	33.83	34.61	33.89	31.92	1943
1944	32.41	30.28	27.63	25.82	32.44	34.69	34.54	34.68	34.46	34.81	34.85	34.20	32.58	1944
1945	32.75	30.75	28.54	32.74	34.80	34.83	34.79	34.69	34.06	34.47	34.89	34.08	33.46	1945
1946	32.87	31.18	29.22	29.03	33.71	34.71	34.80	33.99	32.43	33.65	34.67	34.49	32.91	1946
1947	33.57	32.10	29.75	27.54	32.11	34.73	34.95	34.45	34.45	33.75	32.68	31.69	32.65	1947
1948	30.58	29.12	27.27	26.66	32.37	34.64	34.90	34.40	34.10	34.84	34.40	33.58	32.25	1948
1949	32.29	30.50	28.32	27.19	32.41	34.94	34.50	33.80	33.82	34.70	34.39	33.34	32.53	1949
1950	32.87	31.88	29.45	27.42	32.19	34.87	34.87	34.54	33.57	33.37	34.74	34.70	32.88	1950
1951	33.47	31.86	29.26	27.40	32.50	33.98	34.44	34.77	33.71	33.44	33.39	33.91	32.69	1951
1952	32.95	31.14	28.62	26.18	32.53	34.69	34.35	34.82	34.46	34.39	34.25	33.49	32.67	1952
1953	32.36	30.98	29.18	31.79	34.25	34.17	33.90	32.26	31.90	32.24	31.28	31.80	32.19	1953
1954	31.33	30.40	29.18	28.76	34.25	34.55	34.43	34.37	34.09	34.62	34.34	34.25	32.90	1954
1955	33.04	30.98	28.47	27.41	34.52	34.43	34.15	34.35	34.24	34.24	33.70	32.92	32.72	1955
1956	31.74	30.19	28.25	26.37	29.21	34.40	34.79	34.43	34.25	34.57	34.17	33.32	32.15	1956
1957	31.90	30.32	28.10	26.83	34.27	34.86	34.73	34.21	34.06	34.72	34.96	34.53	32.81	1957
1958	34.13	32.35	29.85	28.75	34.26	34.86	34.77	34.60	34.75	34.77	34.57	33.95	33.48	1958
1959	32.68	31.22	29.07	27.20	32.84	34.58	34.54	34.86	34.75	34.54	34.92	34.64	33.00	1959
1960	33.49	31.84	29.76	28.21	32.61	33.81	33.41	33.51	33.50	34.52	34.89	34.61	32.85	1960
1961	33.40	31.61	29.40	27.47	31.94	34.69	34.78	34.75	34.80	34.03	33.65	33.48	32.85	1961
1962	32.55	31.18	29.29	27.98	33.27	34.82	34.54	34.49	33.71	33.65	33.59	32.94	32.68	1962
1963	31.65	29.96	27.91	26.77	32.70	34.74	34.69	34.50	34.85	34.90	34.87	34.60	32.70	1963
1964	33.07	31.13	28.64	27.40	34.05	34.84	34.65	34.33	34.55	34.17	33.87	33.90	32.90	1964
1965	34.56	33.28	30.83	27.92	31.25	34.54	33.93	34.41	34.51	34.96	34.51	33.90	33.22	1965
1966	33.03	31.55	29.24	27.96	32.39	34.85	34.49	34.65	34.33	34.68	34.88	34.80	33.08	1966
1967	33.56	31.66	28.89	26.51	31.11R	34.63	34.66	34.38	33.67	34.25	34.60	33.69	32.64R	1967
1968	32.26	30.61	28.15	30.41	34.55	34.55	33.58	33.81	33.02	31.94	32.15	31.65	32.23	1968
1969	30.61	29.16	27.13	25.83	31.68	34.78	34.33	34.45	34.65	34.20	34.69	33.93	32.14	1969
1970	32.45	31.03	29.24	27.42	34.17	34.77	34.37	34.09	34.39	34.77	34.33	32.99	32.85	1970
1971	31.49	29.96	28.25	26.69	32.40	34.60	33.89	33.70	34.84	34.79	34.54	33.78	32.43	1971
1972	32.53	30.77	28.38	26.33	30.19	34.83	34.64	34.42	34.19	34.82	34.73	34.04	32.50	1972
1973	32.73	31.18	29.13	28.74	34.60	34.74	34.51	34.43	34.16	34.28	34.80	34.34	33.15	1973
1974	32.64	31.13	29.26	27.45	31.57	34.61	34.39	34.37	34.08	34.60	34.81	34.25	32.78	1974
1975	32.73	31.06	29.11	26.99	31.30	34.65	34.64	33.99	33.82	34.62	34.88	34.70	32.72	1975
1976	33.73	32.07	29.74	29.18	33.01	34.65	34.52	34.78	34.19	33.80	33.71	33.13	33.05	1976
1977	31.85	30.25	28.42	28.23	32.68	34.85	34.60	34.89	34.63	34.78	34.67	34.23	32.86	1977
1978	33.02	31.42	29.05	26.38	31.25	34.92	34.81	34.48	34.16	34.54	34.76	34.30	32.77	1978
1979	33.29	31.55	29.63	29.40	---	34.85	34.38	33.49	32.74	33.40	---	34.59	---	1979
1980	33.60	31.79	29.17	28.74	33.22	34.12	34.89	34.77	34.60	34.86	34.87	34.30	33.25	1980
1981	33.15	32.04	33.04	33.72	34.72	34.83	34.62	33.63	32.31	33.04	34.72	34.38	33.69	1981
1982	33.32	31.66	29.15	27.13	32.57	34.90	34.65	33.80	33.57	33.65	34.78	34.92	32.85	1982
1983	34.64	33.15	30.70	28.63	34.18	34.87	34.57	34.12	32.96	32.64	32.90	33.30	33.07	1983
1984	32.40	30.83	29.44R	28.66	33.84	34.91	34.69	34.77	33.81	32.68R	32.61R	33.75R	32.71R	1984
1985	33.22R	31.53R	29.26R	27.10R	32.85R	34.92R	34.97R	34.63R	33.90R	33.85R	33.34R	32.82R	32.71R	1985
1986	31.46R	---	---	29.28R	34.58R	34.95R	34.97R	34.77R	34.77R	34.91R	---	34.48R	---	1986
1987	33.37	31.96	28.65	30.98	33.29	34.81	---	---	34.22	34.79R	35.03R	34.76R	---	1987
1988	---	31.98	29.32	28.49	---	34.65	34.91	---	---	34.97	34.96	34.57	---	1988
1989	33.39	31.75	29.41	27.74	32.21	34.86	---	---	33.77	33.38	34.35	34.13	---	1989
1990	---	31.66	29.56	28.59	34.42	---	---	---	---	---	---	---	---	1990
MOYEN	32.31	30.82	28.89	27.86	32.60	34.45	34.35	34.09	33.85	33.72	33.93	33.47	32.72	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 129.08 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 18 35
LONG 071 12 44

BASSIN VERSANT, 3 990 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

CHICOUTIMI (RIVIERE) AU RESERVOIR KENOGAMI - STATION NO. 02RH002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1910	---	---	---	1910
1911	---	---	---	1911
1912	---	---	---	1912
1923	---	---	---	1923
1924	---	31.24 LE 10 NOV	25.21 LE 26 FEV	1924
1925	---	35.02 LE 24 JUN	26.61 LE 23 AVR	1925
1926	---	35.02 LE 30 JUN	25.18 LE 22 AVR *	1926
1927	---	35.06 LE 22 NOV	25.23 LE 18 AVR	1927
1928	---	35.04 LE 17 JUL	26.97 LE 01 MAI	1928
1929	---	35.06 LE 09 JUL	26.92 LE 20 AVR	1929
1930	---	34.99 LE 06 AOU	27.96 LE 12 AVR	1930
1931	---	35.08 LE 25 SEP	27.01 LE 10 AVR	1931
1932	---	35.10 LE 08 OCT	28.79 LE 09 AVR	1932
1933	---	34.99 LE 02 JUL	28.08 LE 15 AVR	1933
1934	---	35.01 LE 04 JUL	25.67 LE 12 AVR	1934
1935	---	35.10 LE 24 JUN	26.35 LE 16 AVR	1935
1936	---	35.02 LE 04 JUN	28.02 LE 19 MAR	1936
1937	---	34.96 LE 05 JUN	27.04 LE 14 AVR	1937
1938	---	35.01 LE 16 AOU	27.36 LE 16 AVR	1938
1939	---	35.14 LE 16 AOU	25.66 LE 20 AVR	1939
1940	---	35.03 LE 21 JUN	26.08 LE 27 AVR	1940
1941	---	35.17 LE 30 JUN	27.10 LE 13 AVR	1941
1942	---	35.45 LE 17 JUN *	26.04 LE 18 AVR	1942
1943	---	35.16 LE 19 AOU	25.84 LE 23 AVR	1943
1944	---	35.01 LE 08 NOV	25.51 LE 22 AVR	1944
1945	---	35.16 LE 27 JUN	27.81 LE 27 MAR	1945
1946	---	35.10 LE 22 JUL	28.29 LE 18 AVR	1946
1947	---	35.39 LE 27 MAI	27.24 LE 12 AVR	1947
1948	---	35.23 LE 20 OCT	26.31 LE 03 AVR	1948
1949	---	35.15 LE 17 JUN	26.72 LE 13 AVR	1949
1950	---	35.17 LE 19 JUN	26.02 LE 16 AVR	1950
1951	---	35.23 LE 04 AOU	26.43 LE 10 AVR	1951
1952	---	35.06 LE 26 AOU	25.52 LE 18 AVR	1952
1953	---	34.82 LE 21 MAI	28.22 LE 25 MAR	1953
1954	---	34.81 LE 08 JUN	27.22 LE 10 AVR	1954
1955	---	35.06 LE 22 SEP	25.87 LE 14 AVR	1955
1956	---	34.95 LE 20 JUL	26.10 LE 28 AVR	1956
1957	---	35.13 LE 18 NOV	25.28 LE 19 AVR	1957
1958	---	35.14 LE 15 OCT	26.94 LE 16 AVR	1958
1959	---	35.28 LE 09 NOV	26.55 LE 23 AVR	1959
1960	---	35.08 LE 19 NOV	27.36 LE 17 AVR	1960
1961	---	35.14 LE 24 JUN	26.94 LE 21 AVR	1961
1962	---	35.16 LE 22 MAI	27.72 LE 21 AVR	1962
1963	---	35.06 LE 25 NOV	26.21 LE 17 AVR	1963
1964	---	35.16 LE 27 MAI	25.91 LE 13 AVR	1964
1965	---	35.09 LE 13 OCT	27.12 LE 29 AVR	1965
1966	---	35.08 LE 27 MAI	27.03 LE 19 AVR	1966
1967	---	34.90 LE 27 OCT	25.88 LE 26 AVR	1967
1968	---	34.92 LE 22 MAI	26.96 LE 31 MAR	1968
1969	---	35.12 LE 01 JUN	25.21 LE 10 AVR	1969
1970	---	35.20 LE 05 JUN	26.71 LE 20 AVR	1970
1971	---	35.29 LE 27 AOU	26.14 LE 21 AVR	1971
1972	---	35.15 LE 23 JUN	25.75 LE 28 AVR	1972
1973	---	35.06 LE 01 JUN	26.71 LE 16 AVR	1973
1974	---	34.94 LE 09 NOV	26.92 LE 22 AVR	1974
1975	---	35.00 LE 28 JUN	26.44 LE 21 AVR	1975
1976	---	34.94 LE 17 AOU	28.36 LE 18 AVR	1976
1977	---	35.04 LE 24 JUN	27.26 LE 18 AVR	1977
1978	---	35.11 LE 26 JUN	25.73 LE 22 AVR	1978
1979	---	---	---	1979
1980	---	35.16 LE 18 AOU	27.31 LE 10 AVR	1980
1981	---	35.10 LE 25 JUN	31.51 LE 20 FEV	1981
1982	---	35.07 LE 05 DEC	26.28 LE 17 AVR	1982
1983	---	35.08 LE 19 JUN	27.90 LE 15 AVR	1983
1984	---	35.09 LE 25 MAI	27.67 LE 12 AVR	1984
1985	---	35.26 LE 27 JUL	26.39 LE 17 AVR	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 129.08 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHIENS (RIVIERE AUX) PRES DE BOISBRIAND - STATION NO. 020A032

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1981	---	---	---	---	---	---	---	---	0.391	0.447	0.537	0.436	---	1981
1982	---	---	---	---	0.417	0.386	0.327	0.334	0.363	0.369	0.433	0.458	---	1982
1983	0.416	0.461	0.438	0.355	0.262	0.106	---	---	-0.084	0.165	0.409	0.366	---	1983
1984	0.259	0.341	0.439	0.506	0.303	0.243	0.194	0.171	0.150	0.169	0.226	0.279	0.273	1984
1985	0.246	0.270	0.611	0.490	0.255	0.232	0.174	0.153	0.151	0.199	0.264	0.244	0.274	1985
MOYEN	0.307	0.357	0.496	0.450	0.309	0.242	0.232	0.219	0.194	0.270	0.374	0.357	0.273	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 38 16
LONG 073 54 51 DEBIT NATUREL

CHIENS (RIVIERE AUX) PRES DE BOISBRIAND - STATION NO. 020A032

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1981	1.006 LE 28 OCT A 06:00 HNE	0.848 LE 28 OCT	---	1981
1982	0.846 LE 25 AOU A 17:35 HNE	---	---	1982
1983	0.991 LE 20 MAR A 04:00 HNE	0.800 LE 20 MAR	---	1983
1984	1.028 LE 23 MAR A 00:02 HNE	0.935 LE 23 MAR	0.139 LE 29 SEP	1984
1985	1.209 LE 13 MAR A 14:25 HNE *	1.135 LE 13 MAR *	0.129 LE 21 SEP *	1985

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CINCONSINE (RUISSEAU) AU RESERVOIR CINCONSINE - STATION NO. 02NE009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	31.15	31.11	31.09	31.44	32.59	32.61	32.24	31.49	31.71	31.73	31.46	32.09	31.73	1963
1964	31.02	30.57	30.54	31.02	32.57	33.25	32.40	31.99	31.82	30.86	30.60	30.61	31.44	1964
1965	30.69	30.61	30.60	30.90	32.16	33.08	32.56	32.77	32.71	32.92	33.50	32.44	32.08	1965
1966	30.91	30.46	30.45	31.18	32.81	33.27	33.50	33.04	32.71	32.05	32.09	32.50	32.09	1966
1967	31.86	30.90	30.74	30.86	32.41	33.62	33.66	32.72	32.94	32.54	33.58	32.75	32.31	1967
1968	31.83	30.95	30.60	31.44	32.79	33.28	33.42	32.67	32.18	---	---	---	---	1968
MOYEN	31.24	30.77	30.67	31.14	32.56	33.19	32.96	32.45	32.18	32.02	32.25	32.08	31.93	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 22 41
LONG 073 01 37

BASSIN VERSANT, 211 km²
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

CINCONSINE (RUISSEAU) AU RESERVOIR CINCONSINE - STATION NO. 02NE009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	32.98 LE 03 JUN	30.92 LE 08 NOV	1963
1964	---	33.39 LE 26 JUN	30.53 LE 12 MAR	1964
1965	---	33.59 LE 11 NOV	30.57 LE 25 FEV	1965
1966	---	33.52 LE 03 JUL	30.43 LE 16 FEV *	1966
1967	---	33.84 LE 05 JUL *	30.71 LE 07 AVR	1967
1968	---	---	---	1968

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

COATICOOK (RIVIERE) EN AMONT DU PONT A WATERVILLE - STATION NO. 020E040

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1979	88.76	88.64	88.82	88.84	88.74	---	---	88.69	88.74	88.71	88.78	88.77	---	1979
1980	88.73	88.68	88.74	88.74	88.79	88.76	88.71	88.70	88.74	88.74	88.78	88.81	88.74	1980
1981	88.72	88.97	88.78	88.75	88.71	88.78	88.68	88.71	88.64	88.74	88.69	88.71	88.74	1981
1982	88.68	88.69	88.71	88.97	88.67	88.67	88.68	88.67	88.68	88.70	88.68	88.69	88.71	1982
1983	88.75	88.76	88.84	88.71	88.69	88.67	88.65	88.66	88.65	88.65	88.65	88.85	88.71	1983
1984	88.74	88.72	88.70	88.64	88.66	88.72	88.74	88.69	88.66	88.68R	88.70R	88.77R	88.70R	1984
1985	88.74	88.74	88.82	88.73	88.75	88.75	87.90	88.63	88.49	88.71R	88.75R	88.73R	88.64R	1985
1986	88.79	88.78	88.93	88.81	88.75	88.72	88.62	88.74	88.74	88.70R	88.77R	88.77R	88.76R	1986
1987	88.73	88.69	88.80	88.81	88.75	88.78	88.74	88.67	88.70	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	88.70	88.69	88.72	---	1988
1989	88.69	88.72	88.77	88.86	88.68	88.66	88.11	88.69	88.69	88.66	88.70	88.69	88.66	1989
1990	88.77	88.82	88.88	88.72	---	88.62	88.65	88.62	88.63	---	---	---	---	1990
MOYEN	88.74	88.75	88.80	88.78	88.72	88.71	88.55	88.68	88.67	88.70	88.72	88.75	88.71	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 100.00 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 16 42
LONG 071 53 25

BASSIN VERSANT, 515 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

COATICOOK (RIVIERE) EN AMONT DU PONT A WATERVILLE - STATION NO. 020E040

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1979	---	---	---	1979
1980	---	89.16 LE 27 AVR	88.17 LE 18 AVR	1980
1981	---	90.02 LE 29 OCT	87.69 LE 16 JUL	1981
1982	---	90.11 LE 19 AVR *	87.85 LE 29 DEC	1982
1983	---	89.74 LE 15 DEC	88.11 LE 13 JAN	1983
1984	---	89.46 LE 31 MAI	88.42 LE 24 MAR	1984
1985	---	89.29 LE 29 MAR	87.50 LE 24 JUL	1985
1986	---	89.46 LE 21 MAR	87.54 LE 15 JUL	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	89.45 LE 29 MAR	87.36 LE 13 JUL *	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 100.00 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

COATICOOK (RIVIERE) PRES DE NORTH-COATICOOK - STATION NO. 020E010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1930	---	---	---	---	---	---	---	---	---	---	24.66	24.78	---	1930
1931	24.74	24.85	24.76	24.98	24.82	24.67	24.66	24.63	24.71	24.66	24.70	24.79	24.75	1931
1932	24.85	24.72	24.77	25.02	24.78	24.66	24.71	24.65	24.64	24.80	24.74	24.80	24.76	1932
1933	24.79	24.78	24.84	25.27	24.94	24.68	24.72	24.76	24.68	24.74	24.80	24.84	24.82	1933
1935	25.01	25.00	24.96	25.08	24.96	24.78	24.72	24.72	24.73	24.76	24.82	24.89	24.87	1935
1936	25.01	25.02	25.35	25.16	25.09	24.83	24.88	24.80	24.85	24.96	25.00	25.10	25.00	1936
1937	25.06	25.02	24.99	25.24	25.26	24.90	24.84	24.81	24.82	24.90	24.94	24.94	24.97	1937
1938	25.07	24.95	25.14	25.15	25.00	24.86	24.90	24.90	25.00	24.91	24.91	25.12	24.99	1938
1939	25.12	25.19	25.21	25.40	25.20	25.05	24.97	24.95	24.95	25.01	24.99	---	---	1939
1940	25.02	25.13	25.11	25.54	25.38	25.00	24.93	24.91	24.92	24.93	25.04	25.02	25.08	1940
1941	25.12	25.09	25.11	25.34	---	24.95	24.93	24.92	24.89	24.91	25.01	25.04	---	1941
1942	25.08	25.13	25.48	25.45	25.43	25.28	24.99	24.98	25.11	25.34	25.24	25.17	25.22	1942
1943	25.21	25.37	25.41	25.55	25.51	---	25.13	25.10	25.16	25.15	25.26	25.23	---	1943
1944	25.42	25.39	25.71	25.51	25.31	25.13	25.15	25.07	25.16	25.16	25.19	25.20	25.28	1944
1945	---	25.45	25.64	25.41	25.47	25.29	25.21	25.12	25.28	25.41	25.27	25.57	---	1945
1946	25.40	25.42	---	25.35	25.33	25.10	25.38	25.13	25.06	25.19	25.23	25.30	---	1946
1947	---	25.30	25.35	25.62	25.59	25.43	25.32	25.22	25.26	25.25	25.28	25.37	---	1947
1948	25.44	25.51	25.65	25.56	25.51	25.31	25.24	25.17	24.98	25.01	25.23	25.30	25.32	1948
1949	25.35	25.48	25.50	---	25.46	25.41	25.34	25.32	25.33	25.29	25.38	25.55	---	1949
1950	25.57	25.50	25.50	25.47	24.65	24.58	24.41	24.49	24.52	24.45	24.48	24.49	24.84	1950
1951	24.45	25.22	---	24.88	24.52	24.41	24.39	24.39	24.35	24.36	24.48	24.51	---	1951
1952	24.73	24.74	24.75	24.90	24.67	24.71	24.42	24.38	24.40	24.37	24.42	24.50	24.58	1952
1953	24.64	24.69	24.76	24.77	24.58	24.37	24.36	24.34	24.32	24.35	24.35	24.54	24.51	1953
1954	24.56	24.78	24.58	24.91	24.76	24.68	24.41	24.46	24.69	24.72	24.52	24.56	24.63	1954
1955	24.56	24.79	24.82	24.91	24.53	24.46	24.28	24.44	24.23	24.24	24.41	24.36	24.50	1955
1956	24.57	24.47	24.63	24.98	24.80	24.42	24.34	24.32	24.31	24.36	24.40	24.49	24.51	1956
1957	24.61	24.51	24.58	24.62	24.56	24.38	24.46	24.34	24.33	24.39	24.56	---	---	1957
1958	---	24.70	24.57	24.97	24.58	24.46	24.62	24.49	24.40	24.47	24.53	24.55	---	1958
1959	24.78	24.72	24.74	25.12	24.60	24.71	24.54	24.54	24.47	24.67	24.94	24.76	24.72	1959
1960	24.62	24.82	24.82	25.36	24.89	24.81	24.75	24.74	24.78	24.85	24.87	24.81	24.84	1960
1961	24.94	---	---	25.89	25.95	25.76	25.61	25.55	25.50	25.47	25.59	25.51	---	1961
1962	25.55	25.71	25.71	26.08	25.90	25.64	25.72	25.81	25.71	25.93	25.94	25.74	25.79	1962
1963	25.71	25.79	---	---	---	23.97	23.91	23.99	23.99	23.90	24.01	24.22	---	1963
1964	25.74	25.71	---	---	---	25.55	25.56	25.60	25.48	25.51	25.64	25.73	---	1964
1965	25.77	26.00	26.02	25.93	---	---	---	25.55	25.69	25.72	25.79	25.73	---	1965
1966	25.76	26.01	26.13	25.96	25.91	25.63	25.56	25.66	25.62	25.59	25.62	25.71	25.76	1966
1967	24.52	24.69	24.82	24.67	---	---	24.27	24.30	24.32	24.50	24.43	24.38	---	1967
1968	24.68	25.01	25.02	24.63	24.39	24.47	24.27	24.20	24.19	24.22	24.31	24.36	24.48	1968
1969	24.69	---	24.58	24.92	24.66	24.39	24.24	24.28	24.16	24.13	---	24.46	---	1969
1970	24.58	25.00	24.71	24.83	24.57	24.21	24.16	24.16	24.29	24.26	24.34	24.53	24.47	1970
1971	24.68	24.76	24.79	24.75	24.72	24.24	24.15	24.19	24.10	24.16	24.19	24.36	24.43	1971
1972	24.64	24.71	24.76	24.64	24.80	24.39	24.34	24.30	24.14	24.28	24.34	24.57	24.49	1972
MOYEN	25.00	25.11	25.09	25.21	25.03	24.83	24.77	24.77	24.77	24.81	24.88	24.92	24.86	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 10 25
LONG 071 48 09

BASSIN VERSANT, 381 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

COATICOOK (RIVIERE) PRES DE NORTH-COATICOOK - STATION NO. 020E010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1930	---	---	---	1930
1931	---	25.57 LE 12 AVR	24.41 LE 21 JUL	1931
1932	---	25.74 LE 07 OCT	24.32 LE 10 SEP	1932
1933	---	25.97 LE 18 AVR	24.59 LE 29 JUL	1933
1935	---	25.63 LE 17 MAR	24.64 LE 28 JUN	1935
1936	---	26.29 LE 17 MAR	24.68 LE 19 FEV	1936
1937	---	26.10 LE 06 AVR	24.73 LE 22 AOU	1937
1938	---	26.01 LE 21 SEP	24.66 LE 03 MAR	1938
1939	---	---	---	1939
1940	---	26.15 LE 04 MAI	24.84 LE 31 JUL	1940
1941	---	---	---	1941
1942	---	27.12 LE 14 JUN *	24.88 LE 05 JUN	1942
1943	---	---	---	1943
1944	---	26.69 LE 26 MAR	24.99 LE 13 AOU	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	26.58 LE 16 MAR	24.86 LE 25 SEP	1948
1949	---	---	---	1949
1950	---	26.65 LE 20 AVR	24.29 LE 26 JUL	1950
1951	---	---	---	1951
1952	---	25.92 LE 02 JUN	24.12 LE 04 DEC	1952
1953	---	25.37 LE 24 JAN	24.17 LE 24 OCT	1953
1954	---	25.81 LE 23 AVR	24.20 LE 28 AOU	1954
1955	---	25.77 LE 15 AVR	23.94 LE 22 OCT *	1955
1956	---	25.34 LE 17 AVR	24.19 LE 13 AOU	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	26.29 LE 28 NOV	24.37 LE 06 SEP	1959
1960	---	25.98 LE 01 AVR	24.37 LE 26 JAN	1960
1961	---	---	---	1961
1962	---	26.75 LE 30 AVR	25.31 LE 13 JAN	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	27.07 LE 25 MAR	25.35 LE 07 AOU	1966
1967	---	---	---	1967
1968	---	26.69 LE 20 MAR	23.96 LE 19 OCT	1968
1969	---	---	---	1969
1970	---	25.58 LE 25 AVR	24.00 LE 23 JUL	1970
1971	---	25.87 LE 17 MAR	24.03 LE 05 OCT	1971
1972	---	26.10 LE 05 MAI	24.06 LE 21 SEP	1972

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CORNU (LAC) AU BARRAGE-CORNU - STATION NO. 02LC012

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	389.12	388.98	388.91	389.13	389.63	389.60	389.10	388.92	388.90	388.91	388.88	388.89	389.08	1964
1965	389.18	389.24	388.79	389.00	389.60	389.56	389.53	389.43	389.32	389.39	389.35	389.32	389.31	1965
1966	389.47	389.55	389.51	389.07	389.11	389.47	389.48	389.40	389.18	389.37	389.46	389.43	389.39	1966
1967	389.29	389.16	388.85	389.13	389.52	389.56	389.48	389.37	389.12	389.24	389.24	389.16	389.26	1967
1968	389.13	389.00	388.84	389.08	389.20	389.35	389.52	389.50	389.15	389.00	389.09	389.13	389.17	1968
1969	389.10	389.07	388.83	389.05	389.11	389.21	389.28	389.32	389.31	389.32	389.42	389.44	389.21	1969
1970	389.42	389.45	389.16	389.13	389.39	389.43	389.52	389.54	389.55	389.57	389.53	389.52	389.43	1970
1971	389.62	389.58	389.50	389.22	389.27	389.33	389.37	389.43	389.55	389.60	389.53	389.54	389.46	1971
1972	389.52	389.52	389.48	389.41	389.47	389.52	389.73	389.63	389.55	389.64	389.47	389.41	389.53	1972
1973	389.41	389.43	389.37	389.30	389.50	389.57	389.60	389.62	389.57	389.60	389.62	389.61	389.52	1973
1974	389.54	389.65	389.48	389.38	389.63	389.59	389.52	389.39	389.17	389.17	389.40	389.46	389.45	1974
1975	389.45	389.50	389.29	389.13	389.43	389.67	389.51	389.39	389.23	389.39	389.61	389.58	389.43	1975
1976	389.35	389.35	---	389.42	389.42	---	---	389.66	389.73	389.67	389.66	389.57	---	1976
1977	389.49	389.49	---	389.37	389.30	389.32	389.49	389.59	389.64	389.66	---	---	---	1977
1978	389.56	389.52	389.23	389.16	389.44	389.47	389.60	389.64	389.62	389.63	389.72	389.74	389.53	1978
1979	---	389.63	389.42	389.36	389.65	389.71	389.73	389.69	389.72	389.71	389.69	389.68	---	1979
1980	389.67	389.51	389.41	389.57	389.70	389.68	---	389.68	---	---	389.61	389.56	---	1980
1981	---	389.62	389.45	---	389.68	389.71	389.56	389.49	389.25	389.33	389.62	389.51	---	1981
1982	389.49	389.48	389.38	389.33	389.48	389.64	389.74	389.62	389.71	389.65	---	389.60	---	1982
1983	389.55	389.53	389.35	389.33	389.63	389.57	389.47	389.44	389.44	389.60	389.68	389.68	389.52	1983
1984	389.65	389.63	389.40	389.47	389.64	389.70	389.68	389.70	389.69	389.56R	389.45R	389.59R	389.60R	1984
1985	389.63	389.57	389.37	389.42	389.59	389.63	389.67	389.66	389.65	---	---	389.61R	---	1985
1986	389.58	389.57	389.50	389.65	389.71	389.68	389.69	389.70	389.66	389.60R	389.51R	389.50R	389.62R	1986
1987	389.47	389.45	389.43	389.56	389.67	389.67	389.63	389.57	389.50	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	389.69	389.69	389.71	---	1988
1989	389.72	389.67	389.37	389.36	389.71	389.73	389.68	389.61	389.64	389.66	389.67	389.61	389.62	1989
1990	389.61	389.60	389.39	389.31	389.59	389.72	389.74	389.68	389.58	---	---	---	---	1990
MOYEN	389.46	389.45	389.28	389.29	389.50	389.56	389.56	389.53	389.46	389.40	389.50	389.49	389.42	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 05 25 LONG 074 25 35 BASSIN VERSANT, 13.1 km² REGULARISE

R - REVISEE DEPUIS JAN 01 1988

CORNU (LAC) AU BARRAGE-CORNU - STATION NO. 02LC012

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	389.68 LE 27 MAI	388.81 LE 24 NOV	1964
1965	---	389.67 LE 11 MAI	388.74 LE 23 MAR *	1965
1966	---	389.59 LE 07 MAR	388.95 LE 09 AVR	1966
1967	---	389.65 LE 26 JUN	388.78 LE 28 MAR	1967
1968	---	389.57 LE 17 JUL	388.78 LE 16 MAR	1968
1969	---	389.47 LE 22 NOV	388.79 LE 17 MAR	1969
1970	---	389.65 LE 26 NOV	389.01 LE 06 AVR	1970
1971	---	389.66 LE 31 JAN	389.14 LE 09 AVR	1971
1972	---	389.89 LE 22 JUL	389.34 LE 25 MAI	1972
1973	---	389.78 LE 01 JUL	389.17 LE 15 AVR	1973
1974	---	389.76 LE 01 MAI	389.12 LE 12 AVR	1974
1975	---	389.84 LE 16 JUN	389.00 LE 15 AVR	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	389.84 LE 05 DEC	389.02 LE 11 AVR	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	389.76 LE 04 MAI	389.20 LE 06 AVR	1983
1984	---	389.77 LE 08 JUN	389.24 LE 04 AVR	1984
1985	---	---	---	1985
1986	---	389.99 LE 13 SEP *	389.49 LE 20 NOV	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	389.77 LE 17 NOV	389.19 LE 27 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

COXIPI (RIVIERE) A LA SORTIE DU LAC COXIPI - STATION NO. 02XB002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	28.45	28.73	28.49	---	1982
1983	28.38	28.67	28.38	28.09	29.69	29.17	28.95	28.89	---	28.97	29.26	28.68	---	1983
1984	---	---	---	28.39	29.96	29.48	29.00	28.91	28.46	28.44R	28.41R	28.42R	---	1984
1985	28.30	28.21	28.14	28.20	28.85	29.93	29.20	28.76	28.90	28.81R	28.59R	28.36R	28.69R	1985
1986	28.54	29.01	---	28.89	29.67	29.92	29.64	28.58	28.48	28.42R	28.33R	---	---	1986
1987	---	---	28.03	28.58	29.55	28.94	28.52	28.50	28.41	28.86R	28.93R	28.72R	---	1987
1988	28.25	28.15	28.35	28.53	29.66	29.27	29.14	28.57	28.54	28.92	29.03	28.61	28.76	1988
1989	28.25	28.14	28.08	28.17	29.69	29.29	28.84	29.44	29.29	29.21	29.08	28.67	28.85	1989
1990	28.34	28.22	28.11	28.19	29.17	29.59	28.93	29.14	28.71	---	---	---	---	1990
MOYEN	28.34	28.40	28.18	28.48	29.53	29.32	28.90	28.85	28.68	28.76	28.80	28.56	28.77	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 51 30 08 LONG 056 23 46 — BASSIN VERSANT, 1 060 km² — DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

COXIPI (RIVIERE) A LA SORTIE DU LAC COXIPI - STATION NO. 02XB002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	30.49 LE 06 JUN	28.12 LE 13 MAR	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	30.31 LE 17 MAI	28.12 LE 27 FEV	1988
1989	---	30.56 LE 14 MAI *	28.06 LE 14 MAR *	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CREEK OUTLET - STATION NO. 02RH028

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	---	---	---	---	---	---	---	---	---	---	---	28.69	---	1983
1984	28.65	28.66	28.72	---	---	28.76	28.76	28.75	28.70	28.70R	28.73R	28.77R	---	1984
1985	28.78	28.77	28.79	28.60	28.81	28.74	---	---	---	---	---	---	---	1985
1986	---	28.85	28.81	28.93	28.79	28.74	28.78	28.77	28.80	28.80R	28.79R	---	---	1986
1987	---	---	28.73	28.85	28.77	---	---	---	28.67	28.71R	28.72R	---	---	1987
1988	---	---	28.79	28.86	28.76	28.71	28.74	28.70	28.71	28.75	28.75	---	---	1988
1989	---	---	---	28.94	28.81	28.77	28.67	28.66	28.66	---	---	---	---	1989
1990	---	---	---	28.93	28.75	28.71	28.70	28.64	28.61	---	---	---	---	1990
MOYEN	28.72	28.76	28.77	28.85	28.78	28.74	28.73	28.70	28.69	28.74	28.75	28.73	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 129.04 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 21 17 LONG 071 15 10 — BASSIN VERSANT, 3 990 km² — REGULARISE

R - REVISEE DEPUIS JAN 01 1988

CREEK OUTLET - STATION NO. 02RH028

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 129.04 m POUR OBTENIR LES COTES GEODESIQUES

DECHARGE DU LAC DES SEIZE ILES EN AVAL DU BARRAGE - STATION NO. 02LC034

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	---	2.64	2.67	---	2.83	---	1966
1967	---	---	---	3.07	---	---	---	---	2.74	2.86	2.80	---	---	1967
1968	---	---	---	3.08	2.81	2.82	2.80	2.69	2.71	2.74	2.80	2.89	---	1968
1969	2.82	2.85	2.80	3.13	---	---	---	2.76	2.71	2.71	2.90	2.90	---	1969
1970	2.83	2.85	2.82	3.06	---	2.69	---	2.68	2.68	---	2.87	2.87	---	1970
1971	2.81	2.82	2.83	2.99	3.06	2.75	2.73	2.76	2.80	2.84	2.84	2.91	2.85	1971
1972	2.86	2.86	2.84	---	---	---	---	---	---	---	---	---	---	1972
MOYEN	2.83	2.84	2.82	3.07	2.93	2.75	2.77	2.72	2.71	2.76	2.84	2.88	2.85	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 52 37
LONG 074 28 43

BASSIN VERSANT, 40.7 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

DECHARGE DU LAC DES SEIZE ILES EN AVAL DU BARRAGE - STATION NO. 02LC034

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	3.28 LE 06 MAI *	2.68 LE 29 MAI *	1971
1972	---	---	---	1972

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DESVAUX (LAC) - STATION NO. 04MA005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	277.08	277.05	276.98	277.21	277.80	277.70	277.37	277.34	277.40	277.43	277.27	277.14	277.32	1964
1965	277.07	277.05	277.03	277.00	277.76	277.56	277.40	277.36	277.42	277.44	277.32	277.16	277.30	1965
1966	277.07	277.03	276.95	277.21	277.61	277.41	277.30	277.46	277.35	277.41	277.55	277.63	277.33	1966
1967	277.33	277.08	276.97	277.30	278.09	277.59	277.33	277.23	277.19	277.13	277.38	277.33	277.33	1967
1968	277.09	277.03	277.00	277.26	277.43	277.43	277.54	277.42	277.25	277.25	277.16	277.08	277.25	1968
1969	277.04	276.98	277.00	277.15	277.69	277.47	277.39	277.56	277.41	277.24	277.46	277.39	277.32	1969
1970	277.11	277.01	276.97	277.11	277.65	277.60	277.48	277.24	277.18	277.16	277.05	277.05	277.22	1970
1971	277.01	276.98	276.95	277.15	277.72	277.50	277.24	277.21	277.14	277.19	277.28	277.35	277.23	1971
1972	277.27	277.20	277.16	277.17	277.72	277.54	277.33	277.32	277.44	277.64	277.46	277.23	277.37	1972
1973	277.15	277.11	277.10	277.41	277.82	277.42	277.34	277.22	277.34	277.40	277.40	277.34	277.34	1973
1974	277.26	277.24	277.22	277.30	277.98	277.71	277.37	277.26	277.31	277.40	277.35	277.27	277.39	1974
1975	277.21	277.14	277.10	277.13	277.74	277.56	277.37	277.27	277.22	277.17	277.16	277.19	277.27	1975
1976	277.15	277.10	277.12	277.85	277.90	277.48	277.39	277.40	277.58	277.67	277.37	277.16	277.43	1976
1977	277.12	277.07	277.10	277.57	277.81	277.41	277.25	277.23	277.19	277.17	277.21	277.22	277.29	1977
1978	277.15	277.11	277.02	277.09	277.78	277.57	277.51	277.24	277.42	277.33	277.17	277.13	277.32	1978
1979	277.12	277.08	277.06	277.33	278.16	277.74	277.43	277.57	277.49	277.38	277.46	277.39	277.44	1979
1980	277.20	277.10	277.05	277.29	277.81	277.33	277.32	277.40	277.43	277.55	277.38	277.18	277.34	1980
1981	277.11	277.08	277.13	277.75	277.62	277.40	277.34	---	277.18	277.29	277.32	277.25	---	1981
1982	277.19	277.15	277.10	277.23	277.75	277.42	277.28	277.26	277.19	277.17	277.27	277.24	277.27	1982
1983	277.19	277.12	277.10	277.16	277.82	277.68	277.32	277.24	277.16	277.20	277.18	275.53	277.14	1983
1984	277.27	277.07	277.11	277.43	277.68	277.47	277.45	277.22	---	277.25R	277.27R	277.29R	---	1984
1985	---	277.11	---	277.23	277.71	---	---	---	---	277.53R	277.62R	277.71R	---	1985
1986	277.58	277.50	277.46	277.83	278.02	277.51	277.22	277.27	277.37	277.55R	277.59R	277.53R	277.54R	1986
1987	277.44	277.41	277.36	277.63	277.81	277.77	277.60	277.46	277.31	---	---	---	---	1987
MOYEN	277.18	277.12	277.09	277.32	277.79	277.53	277.38	277.34	277.32	277.35	277.33	277.21	277.32	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 11 10
LONG 079 21 11

BASSIN VERSANT, 17.2 km²
REGULARISE

DONNEES FOURNIES PAR -
HYDRO-ONTARIO

R - REVISEE DEPUIS JAN 01 1988

DESVAUX (LAC) - STATION NO. 04MA005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	278.01 LE 03 MAI	276.94 LE 04 AVR	1964
1965	---	278.01 LE 19 MAI	276.98 LE 19 AVR	1965
1966	---	277.70 LE 04 DEC	276.94 LE 10 MAR	1966
1967	---	278.25 LE 06 MAI	276.95 LE 19 MAR	1967
1968	---	277.64 LE 28 AVR	276.99 LE 15 MAR	1968
1969	---	277.76 LE 09 MAI	276.97 LE 19 FEV	1969
1970	---	277.73 LE 06 MAI	276.94 LE 14 MAR	1970
1971	---	277.78 LE 10 MAI	276.93 LE 13 MAR	1971
1972	---	277.86 LE 14 MAI	277.10 LE 16 AVR	1972
1973	---	277.99 LE 13 MAI	277.06 LE 06 MAR	1973
1974	---	278.11 LE 19 MAI	277.17 LE 07 AVR	1974
1975	---	277.89 LE 10 MAI	277.06 LE 13 AVR	1975
1976	---	278.24 LE 25 AVR	277.08 LE 10 MAR	1976
1977	---	278.18 LE 30 AVR	277.06 LE 31 JAN	1977
1978	---	278.10 LE 17 MAI	276.99 LE 27 MAR	1978
1979	---	278.36 LE 12 MAI *	277.04 LE 10 MAR	1979
1980	---	278.04 LE 02 MAI	277.02 LE 15 MAR	1980
1981	---	---	---	1981
1982	---	277.98 LE 09 MAI	277.08 LE 23 MAR	1982
1983	---	277.97 LE 30 MAI	227.15 LE 10 DEC *	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	278.31 LE 02 MAI	277.17 LE 21 JUL	1986
1987	---	---	---	1987

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DEUX MONTAGNES (LAC DES) AU QUAI DE VAUDREUIL - STATION NO. 02OA021

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	1.783	1.462	1.119	0.785	0.754	1.093	1.649	1.233	---	1967
1968	1.312	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	1.240	0.916	0.930	0.727	0.704	1.115	1.086	---	1969
1970	1.051	0.973	0.958	1.481	1.729	1.306	---	---	---	---	---	---	---	1970
1971	1.044	1.107	1.159	1.847	1.793	0.946	0.655	0.671	0.624	0.552	0.534	0.730	0.970	1971
1972	0.836	0.895	0.926	1.667	2.239	1.394	1.410	1.259	1.120	1.128	1.399	1.246	1.294	1972
1973	1.300	1.367	1.936	2.032	1.905	1.537	1.298	1.044	0.924	1.009	0.979	1.104	1.370	1973
1974	1.156	1.118	1.190	2.014	2.753	2.058	1.311	0.944	0.774	0.779	1.078	1.179	1.381	1974
1975	1.116	1.082	1.175	1.607	1.555	1.188	0.732	0.586	0.544	0.619	0.717	0.968	0.900	1975
1976	1.073	1.113	1.449	2.564	1.962	1.217	1.101	0.899	0.779	0.778	0.710	0.910	1.212	1976
1977	1.102	0.953	1.534	1.869	1.248	0.651	0.687	0.611	0.647	0.895	0.945	1.006	1.013	1977
1978	1.364	1.393	1.113	1.803	1.624	0.939	0.692	0.637	0.552	0.723	0.700	0.831	1.020	1978
1979	1.038	1.049	1.488	2.014	2.298	1.261	0.906	0.835	0.881	1.123	1.352	1.456	1.310	1979
1980	1.364	1.154	1.225	1.807	1.470	0.845	0.869	0.921	0.870	1.206	1.239	1.198	1.181	1980
1981	2.431	2.827	2.909	3.327	2.778	2.655	2.173	2.004	2.287	2.299	2.423	2.203	2.522	1981
1982	2.243	2.315	2.325	2.919	2.496	2.079	1.953	1.791	1.770	1.837	2.133	2.514	2.197	1982
1983	2.612	2.479	2.649	2.793	3.495	2.805	2.007	1.907	1.792	1.863	2.146	2.425	2.414	1983
1984	2.304	2.410	2.496	3.362	2.726	2.585	2.403	2.189	2.090	1.942	2.297	2.464	2.438	1984
1985	2.672	2.569	2.780	3.039	3.078	2.153	2.112	2.270	2.002	1.967	2.064	2.245	2.412	1985
1986	2.293	2.399	2.327	3.011	2.737	2.454	2.175	2.208	2.200	2.346	2.360	2.366	2.405	1986
1987	2.329	2.323	2.454	2.928	2.028	2.033	1.925	1.759	1.691	---	---	---	---	1987
1989	---	---	---	---	2.737	2.629	---	1.741	1.681	1.701	---	2.395	---	1989
1990	2.405	2.439	---	---	2.635	2.146	---	---	---	---	2.411	---	---	1990
MOYEN	1.652	1.682	1.794	2.338	2.241	1.709	1.392	1.300	1.235	1.293	1.487	1.556	1.634	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 19.757 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1970)

LOCATION - LAT 45 24 00
LONG 074 01 24 REGULARISE

DEUX MONTAGNES (LAC DES) AU QUAI DE VAUDREUIL - STATION NO. 02OA021

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	0.619 LE 18 SEP	1967
1968	---	---	---	1968
1969	---	---	0.586 LE 15 SEP	1969
1970	2.137 LE 06 MAI A 20:20 HNE	2.107 LE 06 MAI	---	1970
1971	2.707 LE 22 AVR A 21:50 HNE	2.689 LE 22 AVR	0.446 LE 07 SEP	1971
1972	2.784 LE 09 MAI A 06:30 HNE	2.759 LE 09 MAI	0.729 LE 03 JAN	1972
1973	2.799 LE 20 MAR A 12:45 HNE	2.765 LE 19 MAR	0.845 LE 12 NOV	1973
1974	3.271 LE 23 MAI A 20:55 HNE	3.241 LE 22 MAI	0.656 LE 25 SEP	1974
1975	2.546 LE 21 AVR A 11:17 HNE	2.531 LE 21 AVR	0.391 LE 09 SEP *	1975
1976	---	3.360A LE 04 AVR	0.552 LE 25 NOV	1976
1977	2.659 LE 17 MAR A 06:00 HNE	2.604 LE 17 MAR	0.507 LE 17 SEP	1977
1978	2.296 LE 30 AVR A 05:25 HNE	2.275E LE 16 AVR	0.494 LE 10 SEP	1978
1979	---	2.838A LE 06 MAI	0.682 LE 30 JUL	1979
1980	2.438 LE 17 AVR A 01:41 HNE	2.418 LE 17 AVR	0.634 LE 13 SEP	1980
1981	4.077 LE 26 FEV A 15:42 HNE	4.072 LE 26 FEV	1.744 LE 28 AOU	1981
1982	3.399 LE 23 AVR A 17:40 HNE	3.366 LE 23 AVR	1.674 LE 12 SEP	1982
1983	4.130 LE 12 MAI A 21:49 HNE *	4.116 LE 13 MAI *	1.709 LE 03 NOV	1983
1984	3.801 LE 19 AVR A 09:30 HNE	3.739 LE 19 AVR	1.390A LE 01 NOV	1984
1985	3.852 LE 01 MAI A 02:51 HNE	3.826 LE 01 MAI	1.873 LE 30 OCT	1985
1986	3.402 LE 26 MAI A 08:02 HNE	3.332 LE 26 MAI	2.047 LE 09 SEP	1986
1987	3.552 LE 03 AVR A 15:16 HNE	3.542 LE 03 AVR	---	1987
1989	---	---	---	1989
1990	3.416 LE 06 AVR A 00:38 HNE	3.384 LE 06 AVR	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 19.75 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1970)

A - JAUGE MANUELLE (VOIR INDEX DE REFERENCE) E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DORE (LAC) A L'ILE MERRILL - STATION NO. 03AA004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	10.73	10.55	10.44	10.32	10.33	---	1964
1965	10.30	10.08	9.93	9.88	10.02	10.44	10.36	10.48	10.43	10.33	10.26	10.11	10.22	1965
1966	9.94	9.84	9.79	9.76	10.00	10.52	10.46	10.53	10.45	10.47	10.48	10.46	10.23	1966
1967	10.30	10.14	9.97	9.90	9.88	10.20	10.18	10.00	9.78	9.94	10.28	10.27	10.07	1967
1968	10.11	9.98	9.86	9.91	10.20	10.21	10.10	10.04	10.08	10.10	10.02	9.92	10.04	1968
1969	9.87	9.83	9.76	9.75	9.93	10.36	10.59	10.40	---	10.18	10.18	10.19	---	1969
1970	10.12	10.06	9.90	9.82	10.02	10.56	10.78	10.67	10.48	10.33	10.02	9.96	10.23	1970
1971	9.86	9.75	---	9.73	10.06	10.25	10.36	10.46	10.33	10.19	---	---	---	1971
MOYEN	10.07	9.95	9.87	9.82	10.02	10.36	10.40	10.41	10.30	10.25	10.22	10.18	10.16	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 346.06 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 49 51 31
LONG 074 21 17 DEBIT NATUREL

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

DORE (LAC) A L'ILE MERRILL - STATION NO. 03AA004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	10.54 LE 15 AOU	9.82 LE 06 MAI	1965
1966	---	10.58 LE 21 JUN	9.72 LE 17 AVR *	1966
1967	---	10.39 LE 01 JAN	9.73 LE 19 SEP	1967
1968	---	10.27 LE 23 MAI	9.78 LE 16 MAR	1968
1969	---	---	---	1969
1970	---	10.86 LE 26 JUN *	9.79 LE 16 AVR	1970
1971	---	---	---	1971

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 346.06 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DORE (LAC) A L'ILE MERRILL-1 - STATION NO. 03AA003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	10.36	10.23	10.15	10.06	10.00	---	1964
1965	9.99	9.86	9.63	9.57	9.76	10.10	10.06	10.15	10.14	10.06	10.00	9.89	9.93	1965
1966	9.78	9.68	9.64	9.61	9.82	10.20	10.13	10.19	10.13	10.13	10.15	10.16	9.97	1966
1967	10.06	9.94	9.84	9.68	9.69	9.96	9.96	9.80	9.65	9.74	10.00	10.05	9.86	1967
1968	9.84	9.79	9.69	9.67	9.96	9.99	9.92	9.86	9.87	9.92	9.88	9.77	9.85	1968
1969	9.72	9.66	---	9.59	9.76	10.16	10.21	10.21	10.11	10.00	9.98	---	---	1969
1970	9.89	9.83	9.82	9.73	9.86	10.13	10.14	10.00	9.92	9.87	9.96	9.98	9.93	1970
1971	9.94	9.91	---	---	---	---	---	---	---	---	---	---	---	1971
MOYEN	9.89	9.81	9.72	9.64	9.81	10.09	10.07	10.08	10.01	9.98	10.00	9.98	9.91	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 346.06 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 49 51 29
LONG 074 21 17 DEBIT NATUREL

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

DORE (LAC) A L'ILE MERRILL-1 - STATION NO. 03AA003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	10.20 LE 25 AOU	9.55 LE 01 MAI *	1965
1966	---	10.24 LE 20 JUN	9.58 LE 17 AVR	1966
1967	---	10.13 LE 01 JAN	9.60 LE 05 MAI	1967
1968	---	10.10 LE 08 JUN	9.61 LE 06 AVR	1968
1969	---	---	---	1969
1970	---	10.28 LE 18 JUN *	9.70 LE 16 AVR	1970
1971	---	---	---	1971

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 346.06 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DORE (LAC) DANS LA BAIE BATEMAN - STATION NO. 03AA005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	10.79	10.61	10.51	---	10.26	---	1964
1965	10.15	9.99	9.83	9.66	10.03	10.51	10.45	10.56	10.51	10.42	10.29	10.13	10.21	1965
1966	9.95	9.81	9.72	9.73	10.06	---	---	---	10.45	---	10.57	10.57	---	1966
1967	10.43	10.02	9.81	9.71	9.87	10.26	10.23	9.78	9.50	---	---	---	---	1967
1968	---	---	---	---	---	10.26	10.12	10.07	10.16	10.14	---	10.01	---	1968
1969	9.97	---	---	---	---	---	---	---	---	---	---	---	---	1969
MOYEN	10.13	9.94	9.79	9.70	9.99	10.34	10.27	10.30	10.25	10.36	10.43	10.24	10.21	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 351.44 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 49 54 05
LONG 074 14 40

DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

DORE (LAC) DANS LA BAIE BATEMAN - STATION NO. 03AA005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	10.64 LE 14 AOU *	9.63 LE 27 AVR *	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 351.44 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DUMOINE (RIVIERE) AU LAC DUMOINE - STATION NO. 02KJ003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	28.69	28.78	29.00	---	1982
1983	29.00	28.75	28.69	29.08	29.69	29.32	28.88	28.60	28.47	28.80	28.83	28.82	28.91	1983
1984	28.68	28.61	28.66	29.19	29.46	29.32	29.04	28.77	28.66	28.74R	29.02R	29.03R	28.93R	1984
1985	28.83	28.65	28.66	29.05	29.74	29.00	28.84	28.90	28.67	28.55R	28.62R	28.70R	28.85R	1985
1986	28.61	28.53	28.50	29.36	29.45	29.06	28.74	28.78	28.65	28.75R	28.85R	28.73R	28.83R	1986
1987	28.61	28.51	28.44	29.10	29.13	28.89	28.68	28.53	28.39	28.45R	28.68R	28.72R	28.68R	1987
1988	28.65	28.56	28.51	29.06	29.27	29.07	28.62	28.60	28.68	28.93	29.11	29.03	28.83	1988
1989	---	28.64	28.55	28.94	29.54	29.28	28.81	28.51	28.36	28.39	28.74	28.85	---	1989
1990	28.65	28.58	28.59	28.96	29.52	29.09	28.89	28.65	28.52	---	---	---	---	1990
MOYEN	28.72	28.60	28.57	29.09	29.48	29.10	28.81	28.67	28.55	28.67	28.83	28.86	28.84	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 49 20
LONG 077 52 06

BASSIN VERSANT, 2 110 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

DUMOINE (RIVIERE) AU LAC DUMOINE - STATION NO. 02KJ003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	29.88 LE 10 MAI	28.39 LE 16 SEP	1983
1984	---	29.70 LE 27 AVR	28.56 LE 12 FEV	1984
1985	---	30.22 LE 03 MAI *	28.51 LE 12 OCT	1985
1986	---	29.67 LE 26 AVR	28.46 LE 06 MAR	1986
1987	---	29.30 LE 02 MAI	28.34 LE 28 SEP *	1987
1988	---	29.37 LE 22 AVR	28.48 LE 25 MAR	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DUMOINE (RIVIERE) AU LAC ROBINSON - STATION NO. 02KJ004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	27.72	27.94	28.24	---	1982
1983	28.12	27.82	27.81	28.32	28.93	28.40	27.85	27.55	27.41	27.79	27.92	27.86	27.98	1983
1984	27.68	27.66	27.70	28.55	28.57	28.34	28.09	27.82	27.69	27.77R	28.17R	28.11R	28.01R	1984
1985	27.87	27.67	27.71	28.37	28.91	28.04	28.05	27.98	27.69	27.65R	27.73R	27.79R	27.96R	1985
1986	27.62	27.53	27.51	28.66	28.57	28.20	27.81	27.85	27.65	27.79R	27.83R	27.71R	27.89R	1986
1987	27.58	27.50	27.50	28.38	28.20	27.92	27.68	27.53	27.39	27.49R	27.78R	27.75R	27.72R	1987
1988	27.63	27.57	27.51	28.38	28.38	27.84	27.56	27.58	27.65	27.96	28.26	28.07	27.86	1988
1989	---	---	---	28.27	28.81	28.37	27.81	27.44	27.29	27.36	27.88	27.90	---	1989
1990	27.68	27.59	27.72	28.27	28.61	28.12	27.92	27.55	27.40	---	---	---	---	1990
MOYEN	27.74	27.62	27.64	28.40	28.62	28.15	27.85	27.66	27.52	27.69	27.94	27.93	27.90	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 20 45
LONG 077 48 56

BASSIN VERSANT, 3 760 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

DUMOINE (RIVIERE) AU LAC ROBINSON - STATION NO. 02KJ004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	29.41 LE 09 MAI	27.32 LE 16 SEP *	1983
1984	---	29.01 LE 19 AVR	27.57 LE 08 FEV	1984
1985	---	29.86 LE 26 AVR *	27.54 LE 30 SEP	1985
1986	---	28.83 LE 23 AVR	27.44 LE 07 MAR	1986
1987	---	28.57 LE 11 AVR	27.36 LE 12 SEP	1987
1988	---	28.66 LE 09 AVR	27.47 LE 22 MAR	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DUVIVIER (LAC) - STATION NO. 02QB016

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	47.84	48.27	48.36	---	1982
1983	48.33	48.32	48.33	48.47	48.52	48.38	48.01	47.20	47.18	47.75	48.27	48.36	48.09	1983
1984	48.32	48.32	48.32	48.43	48.63	48.40	48.41	48.27	47.32	47.35R	48.01R	48.34R	48.18R	1984
1985	48.31	48.28	48.26	48.29	48.52	48.40	48.41	48.14	47.26	47.97R	48.34R	48.33R	48.21R	1985
1986	---	---	---	48.47	48.53	48.40	48.33	48.16	48.16	48.19R	48.20R	---	---	1986
1987	---	---	---	---	---	48.33	48.32	48.04	47.34	47.68R	48.23R	48.36R	---	1987
1988	48.30	48.29	48.30	48.40	48.51	48.35	48.27	47.66	47.44	48.16	48.38	48.31	48.20	1988
1989	48.26	48.26	48.27	48.38	48.52	48.37	48.11	47.85	47.39	47.67	48.20	48.27	48.13	1989
1990	48.25	---	---	48.36	48.51	48.33	48.19	47.66	47.19	---	---	---	---	1990
MOYEN	48.30	48.29	48.30	48.40	48.53	48.37	48.26	47.87	47.41	47.83	48.24	48.33	48.16	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 41 53
LONG 067 08 42

BASSIN VERSANT, 21.8 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

DUVIVIER (LAC) - STATION NO. 02QB016

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	48.76 LE 27 AVR *	46.94 LE 04 SEP *	1983
1984	---	48.76 LE 02 MAI	47.17 LE 19 SEP	1984
1985	---	48.73 LE 20 MAI	47.20 LE 10 SEP	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	48.64 LE 11 MAI	47.30 LE 05 SEP	1988
1989	---	48.71 LE 09 MAI	47.32 LE 17 SEP	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

EAU CLAIRE (RIVIERE A L') A LA SORTIE DU LAC L'EAU CLAIRE - STATION NO. 03FB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	28.63	28.56	---	---	1982
1983	---	---	28.33	28.27	28.38	28.60	28.68	28.69	28.70	28.72	---	---	---	1983
1984	---	---	---	28.30	28.42	28.55	28.61	28.66	28.75	28.84R	28.79R	---	---	1984
1985	---	---	---	28.38	28.34	28.61	28.63	28.59	28.58	28.62R	28.61R	28.53R	---	1985
1986	28.45	28.38	28.33	28.28	28.32	28.51	28.52	28.53	28.60	28.57R	28.50R	---	---	1986
1987	28.36	---	28.23	28.19	28.33	28.52	28.56	28.63	28.70	28.68R	28.61R	28.54R	---	1987
1988	28.46	28.39	28.33	28.29	28.44	28.65	28.66	28.66	28.64	28.60	28.53	28.45	28.51	1988
1989	28.37	28.31	28.24	28.20	28.20	28.42	28.46	28.39	28.33	28.31	28.28	28.25	28.31	1989
1990	28.19	28.14	28.10	28.06	28.11	28.41	28.51	28.56	28.63	---	---	---	---	1990
MOYEN	28.37	28.31	28.26	28.25	28.32	28.53	28.58	28.59	28.62	28.62	28.55	28.44	28.41	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 56 10 10 BASSIN VERSANT, 3 830 km²
LONG 074 23 18 DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

EAU CLAIRE (RIVIERE A L') A LA SORTIE DU LAC L'EAU CLAIRE - STATION NO. 03FB001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	28.70 LE 02 JUL *	28.26 LE 26 AVR	1988
1989	---	28.48 LE 03 JUL	28.15 LE 08 MAI *	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ECHO (LAC) - STATION NO. 02LC040

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1971	---	---	---	---	---	---	---	---	29.41	29.44	29.32	29.44	---	1971
1972	29.44	29.47	29.50	29.57	29.59	29.54	29.53	29.46	29.22	29.09	29.46	29.53	29.45	1972
1973	29.51	29.52	29.52	29.55	29.49	29.46	29.38	29.34	29.28	29.33	28.75	28.90	29.34	1973
1974	29.16	29.31	29.37	29.47	29.50	29.49	29.41	29.39	29.35	29.43	29.43	29.43	29.40	1974
1975	29.41	29.40	29.42	29.52	29.51	29.47	29.36	29.35	29.33	---	---	28.97	---	1975
1976	29.18	29.44	29.47	29.57	29.50	29.40	29.43	29.40	29.40	29.42	29.43	29.41	29.42	1976
1977	29.41	29.41	29.44	29.57	29.40	29.32	29.35	29.26	29.34	---	---	---	---	1977
1978	---	---	---	---	29.49	29.42	29.36	29.33	29.34	29.37	---	---	---	1978
MOYEN	29.35	29.43	29.45	29.54	29.50	29.44	29.40	29.36	29.33	29.35	29.28	29.28	29.40	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 52 45 BASSIN VERSANT, 9.33 km²
LONG 074 01 30 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ECHO (LAC) - STATION NO. 02LC040

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1971	---	---	---	1971
1972	---	29.84 LE 01 MAI *	28.96 LE 29 SEP	1972
1973	---	29.60 LE 02 AVR	28.63 LE 17 NOV *	1973
1974	---	29.60 LE 24 AVR	29.08 LE 01 JAN	1974
1975	---	---	---	1975
1976	---	29.64 LE 03 AVR	29.13 LE 01 JAN	1976
1977	---	---	---	1977
1978	---	---	---	1978

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ECORCES (LAC DES) - STATION NO. 02LE019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1955	---	---	---	---	---	229.61	229.51	229.54	230.04	230.21	230.11	230.02	---	1955
1956	229.69	229.44	229.39	229.48	229.58	230.14	229.95	229.50	229.69	229.79	229.54	229.78	229.67	1956
1957	229.56	229.62	229.62	229.58	229.58	229.81	229.90	229.40	229.52	229.87	229.86	229.78	229.67	1957
1958	---	229.42	229.58	229.54	229.56	229.68	229.68	229.32	229.90	229.99	229.31	229.46	---	1958
1959	---	230.16	230.06	229.80	229.57	229.40	229.26	229.46	229.87	229.62	229.84	229.83	---	1959
1960	229.95	---	---	229.98	230.11	230.10	229.65	229.32	229.40	229.53	229.59	229.53	---	1960
1961	---	229.71	229.67	229.74	229.86	229.86	229.99	229.97	229.64	229.41	229.43	229.50	---	1961
1962	---	229.80	229.70	229.92	229.71	230.04	229.37	229.29	229.69	---	229.67	229.77	---	1962
1963	---	229.84	229.55	229.56	229.39	229.34	229.32	229.59	229.56	229.35	229.76	229.85	---	1963
1964	229.78	229.69	229.85	229.90	229.71	229.59	229.59	229.51	229.50	229.69	229.80	230.15	229.73	1964
1965	---	229.59	229.37	230.03	229.75	229.43	229.56	229.81	229.67	230.12	230.03	229.59	---	1965
1966	229.74	229.77	230.06	229.82	229.68	229.76	229.54	229.72	229.60	229.55	229.81	229.95	229.75	1966
1967	---	229.71	229.60	229.79	229.55	229.49	229.71	229.42	229.72	229.67	229.96	---	---	1967
1968	---	229.66	229.74	229.69	229.44	229.55	---	---	---	---	---	---	---	1968
1969	229.95	229.94	229.70	229.58	229.55	229.23	229.26	---	229.66	---	229.12	229.79	---	1969
1970	---	---	---	---	---	---	---	229.33	229.56	229.67	229.68	229.84	---	1970
1971	230.05	229.90	229.88	229.62	229.69	229.37	229.38	229.28	229.55	229.67	229.97	230.03	229.70	1971
1972	230.07	229.99	229.84	229.66	229.59	229.55	229.69	229.84	229.82	229.90	229.90	229.60	229.79	1972
1973	230.01	229.93	229.91	---	229.76	229.81	229.39	229.80	229.61	---	229.93	230.09	---	1973
1974	229.94	229.80	229.92	229.94	230.69	230.18	229.74	229.45	229.74	229.90	229.70	229.61	229.88	1974
1975	229.87	229.96	229.95	229.97	229.57	229.38	229.21	229.39	229.44	229.48	229.81	229.62	229.63	1975
1976	229.79	230.05	229.64	229.94	229.85	229.68	229.69	229.43	229.33	229.53	229.85	229.94	229.72	1976
1977	230.12	230.02	229.69	229.79	229.39	229.30	229.48	229.20	229.21	229.65	229.70	229.68	229.80	1977
1978	229.63	229.57	229.76	229.84	229.61	229.25	229.28	229.27	229.31	229.85	229.87	229.83	229.59	1978
1979	229.82	229.72	229.59	229.68	229.51	229.33	229.40	229.70	229.79	229.52	229.44	229.60	229.59	1979
1980	229.75	229.79	229.82	229.62	229.43	229.59	229.72	229.88	229.58	229.62	229.40	---	---	1980
1981	---	229.96	229.53	---	---	230.04	229.70	229.71	229.75	229.79	229.33	229.50	---	1981
1982	229.68	229.35	228.90	229.43	229.44	229.53	229.52	229.71	229.25	229.57	229.93	229.88	229.52	1982
1983	229.48	229.20	229.88	229.43	230.07	229.78	229.75	229.79	229.74	229.55	229.72	229.55	229.67	1983
1984	229.51	229.54	229.36	229.74	229.73	229.72	229.78	229.91	229.76	229.83R	---	229.81R	---	1984
1985	229.67	229.70	229.77	229.79	229.61	229.57	229.72	229.56	229.68	229.72R	229.62R	---	---	1985
1986	---	---	---	229.77	229.75	229.63	229.62	229.64	229.61	229.71R	229.74R	229.82R	---	1986
1987	229.70	229.67	229.66	229.62	229.73	229.65	229.85	229.60	229.44	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	229.72	230.02	229.78	---	1988
1989	229.84	229.79	229.82	229.49	229.55	229.63	229.64	229.64	229.75	229.74	229.81	229.59	229.69	1989
1990	229.69	229.75	229.88	229.81	229.57	229.58	229.57	229.50	229.62	---	---	---	---	1990
MOYEN	229.80	229.74	229.70	229.74	229.69	229.65	229.60	229.57	229.62	229.71	229.73	229.76	229.68	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 30 31
LONG 075 23 42

BASSIN VERSANT, 1 120 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

ECORCES (LAC DES) - STATION NO. 02LE019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1955	---	---	---	1955
1956	---	230.25 LE 14 JUN	229.32 LE 06 NOV	1956
1957	---	230.13 LE 15 JUL	229.33 LE 16 AOU	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	230.25 LE 15 AVR	229.28 LE 09 AOU	1964
1965	---	---	---	1965
1966	---	230.15 LE 12 MAR	229.45 LE 24 SEP	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	230.26 LE 11 JAN	229.21 LE 07 AOU	1971
1972	---	230.13 LE 25 JUL	229.33 LE 19 JUN	1972
1973	---	---	---	1973
1974	---	233.32 LE 19 MAI *	229.27 LE 26 AOU	1974
1975	---	230.11 LE 25 AVR	229.19 LE 02 AOU	1975
1976	---	230.40 LE 04 AVR	229.27 LE 16 SEP	1976
1977	---	230.21 LE 15 JAN	229.11 LE 04 AOU	1977
1978	---	230.04 LE 27 AVR	229.07 LE 09 SEP	1978
197-	---	229.87 LE 18 JAN	229.22 LE 10 JUL	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	230.10 LE 11 DEC	228.81 LE 30 MAR *	1982
1983	---	230.44 LE 10 MAI	229.12 LE 26 FEV	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	230.05 LE 31 MAR	229.32 LE 01 MAI	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ESCALIER (LAC) - STATION NO. 02LC066

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	---	28.64	---	---	---	1977
1978	---	---	---	28.64	28.95	28.60	28.49	28.47	28.54	28.64	28.64	---	---	1978
1979	---	---	---	28.92	28.84	28.67	28.63	---	---	---	---	---	---	1979
MOYEN	---	---	---	28.78	28.90	28.64	28.56	28.47	28.54	28.64	28.64	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 25 12
LONG 074 29 34

BASSIN VERSANT, 298 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ESCALIER (LAC) - STATION NO. 02LC066

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979

PLAN DE REFERENCE - ARBITRAIRE

FALSE (RIVIERE) - STATION NO. 03MB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1984	---	---	---	---	---	---	---	---	---	30.18R	29.87R	29.75R	---	1984
1985	29.56	29.53	29.48	29.45	29.82	30.58	29.93	29.82	29.81	29.97R	29.90R	29.74R	29.80R	1985
1986	29.62	29.56	29.51	29.47	30.31	30.72	30.18	29.76	29.85	29.78R	29.63R	29.54R	29.83R	1986
1987	29.47	29.41	29.38	29.41	30.34	30.52	30.11	30.11	30.09	30.02R	29.90R	29.80R	29.88R	1987
1988	29.56	29.43	29.37	29.42	30.55	30.43	30.02	30.14	30.08	30.26	29.93	29.69	29.91	1988
1989	29.46	---	29.29	29.27	29.94	30.25	---	29.65	29.73	29.94	29.82	29.68	---	1989
1990	29.52	29.40	29.33	29.35	30.13	30.35	30.03	29.72	30.24	---	---	---	---	1990
MOYEN	29.53	29.47	29.39	29.40	30.18	30.48	30.05	29.87	29.97	30.03	29.84	29.70	29.86	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 57 40 15
LONG 068 16 12

BASSIN VERSANT, 2 140 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

FALSE (RIVIERE) - STATION NO. 03MB001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1984	---	---	---	1984
1985	---	30.99 LE 02 JUN	29.44 LE 04 AVR	1985
1986	---	31.11 LE 27 MAI *	29.45 LE 13 AVR	1986
1987	---	30.94 LE 05 JUN	29.31 LE 10 JAN *	1987
1988	---	30.87 LE 21 MAI	29.35 LE 06 MAR	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

FLEUVE A SAINT-LAURENT A LANORAIE - STATION NO. 02OB011

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1897	---	---	---	---	---	5.67	5.06	4.69	4.34	4.03	---	---	---	1897
1901	---	---	---	---	6.23	5.47	4.64	4.35	4.18	4.09	4.06	---	---	1901
1913	---	---	---	---	---	5.21	4.69	4.43	4.28	---	4.60	---	---	1913
1914	---	---	---	---	5.41	4.73	4.53	4.22	4.15	4.01	---	---	---	1914
1915	---	---	---	---	5.15	4.54	4.32	4.25	4.19	4.14	4.04	---	---	1915
1916	---	---	---	---	6.37	6.05	5.07	4.54	4.32	4.35	---	---	---	1916
1917	---	---	---	---	5.89	5.85	5.34	4.97	4.50	---	---	---	---	1917
1918	---	---	---	---	---	5.13	4.59	4.41	4.50	4.87	---	---	---	1918
1919	---	---	---	---	6.83	5.94	4.87	4.52	4.47	4.63	---	---	---	1919
1920	---	---	---	---	5.52	4.69	4.49	4.27	4.18	4.14	---	---	---	1920
1921	---	---	---	---	5.53	4.61	---	4.14	3.98	---	---	---	---	1921
1922	---	---	---	---	5.95	5.21	4.78	4.45	4.24	4.10	---	---	---	1922
1923	---	---	---	---	---	5.14	4.44	4.15	4.13	---	---	---	---	1923
1924	---	---	---	---	6.49	5.31	4.60	4.39	4.41	4.51	4.18	4.98	---	1924
1925	5.10	---	6.73	---	5.44	4.98	4.56	4.33	4.06	4.13	4.38	4.82	---	1925
1926	5.06	5.39	---	6.33	---	5.22	4.68	4.30	4.10	4.16	4.80	6.09	---	1926
1927	6.15	5.91	6.77	5.36	5.13	5.03	4.81	4.57	4.19	4.23	5.29	5.31	5.23	1927
1928	7.27	7.01	6.87	---	7.03	5.90	5.12	4.81	4.68	5.11	5.19	4.81	---	1928
1929	6.55	6.70	7.16	6.87	6.94	5.72	5.21	4.72	4.51	4.48	4.53	5.69	5.75	1929
1930	6.49	6.09	6.28	5.92	5.79	5.54	5.46	4.82	4.47	4.35	4.13	4.90	5.35	1930
1931	5.77	5.51	5.03	4.90	4.92	4.57	4.24	4.42	4.22	4.19	4.26	4.44	4.68	1931
1932	5.31	5.61	5.31	6.13	5.33	4.81	4.67	4.72	4.94	5.09	5.35	5.43	5.22	1932
1933	5.41	5.01	4.91	6.41	6.10	5.00	4.56	4.46	4.26	4.09	4.03	4.73	4.91	1933
1934	4.96	4.63	4.91	6.41	5.81	4.89	4.45	4.04	3.96	3.96	3.97	4.86	4.74	1934
1935	5.40	5.25	5.34	5.39	5.04	4.67	4.67	4.38	4.20	4.09	4.20	4.37	4.75	1935
1936	4.86	4.82	5.21	5.80	6.38	5.35	4.52	4.23	4.22	4.48	4.70	4.97	4.98	1936
1937	5.95	5.71	5.64	6.28	6.01	5.06	4.68	4.62	4.45	4.41	4.85	5.24	5.24	1937
1938	6.29	6.30	6.35	6.38	5.83	4.90	4.51	4.61	4.58	4.48	4.27	4.45	5.24	1938
1939	5.92	5.60	5.60	6.30	6.24	5.22	4.87	4.78	4.38	4.37	4.30	4.66	5.18	1939
1940	5.12	4.97	4.69	5.64	5.71	5.43	4.89	4.45	4.44	4.27	4.38	5.66	4.97	1940
1941	5.75	5.45	5.11	5.81	5.06	4.52	4.44	4.38	4.34	4.44	4.80	4.84	4.91	1941
1942	5.83	5.60	5.71	6.03	5.51	5.14	4.66	4.55	4.44	4.37	4.52	5.03	---	1942
1943	5.91	5.66	5.94	6.85	6.92	6.07	5.32	5.05	4.90	4.80	5.01	5.70	5.68	1943
1944	6.17	5.76	5.42	5.46	5.48	4.81	4.70	4.61	4.55	4.51	4.43	---	---	1944
1945	5.24	5.28	5.98	5.88	5.87	5.49	4.94	4.76	4.79	5.15	5.04	5.50	5.33	1945
1946	6.40	5.86	---	---	5.25	5.06	4.67	4.64	4.50	4.58	4.71	4.98	---	1946
1947	6.18	6.10	5.69	6.63	7.23	7.17	5.76	5.15	4.89	4.71	4.63	---	---	1947
1948	6.08	5.84	6.14	---	5.51	5.06	4.80	4.71	4.55	4.41	4.40	4.48	---	1948
1949	6.04	6.35	5.74	6.07	5.40	4.74	4.67	4.42	4.33	4.18	---	4.35	---	1949
1950	---	6.60	6.10	---	5.30	4.94	4.68	4.59	4.53	4.37	4.62	4.98	---	1950
1951	6.17	5.72	6.00	---	6.01	5.03	5.09	4.81	4.68	4.70	5.15	5.37	---	1951
1952	7.01	6.89	6.08	6.74	6.11	5.65	5.03	5.00	4.79	4.72	4.55	4.85	5.61	1952
1953	6.43	6.26	6.13	6.25	5.49	4.82	4.69	4.61	4.49	4.35	4.19	4.26	5.16	1953
1954	6.09	---	5.72	6.30	5.79	5.46	4.88	4.65	4.72	5.23	5.14	5.08	---	1954
1955	5.33	6.08	6.40	7.10	5.63	4.92	4.64	4.58	4.45	4.49	4.73	5.01	5.27	1955
1956	---	5.31	5.31	---	5.63	5.32	4.83	4.70	4.79	4.65	4.42	---	---	1956
1957	6.20	5.98	5.49	4.86	4.73	4.54	5.00	4.35	4.30	4.31	4.59	4.85	4.93	1957
1958	6.33	5.80	5.56	5.83	4.78	4.54	4.49	4.27	4.34	4.43	---	5.04	---	1958
1959	5.01	5.13	5.06	5.97	---	4.76	4.41	4.26	4.19	4.17	---	---	---	1959
1960	---	---	---	---	---	5.15	5.03	4.67	4.27	4.03	4.08	---	---	1960
1961	---	---	5.22	5.44	5.18	4.90	4.75	4.52	4.50	4.34	4.07	4.40	---	1961
1962	5.55	5.23	4.89	5.39	4.94	4.19	---	4.09	4.01	4.09	4.25	4.53	---	1962
1963	---	5.13	4.85	5.53	4.59	4.10	3.95	4.02	4.09	4.00	4.38	---	---	1963
1964	---	4.98	4.90	4.66	4.35	4.09	3.98	3.88	3.81	3.85	---	---	---	1964
1965	4.65	4.96	4.38	4.26	4.37	3.89	3.83	4.05	4.27	4.86	4.76	4.84	4.42	1965
1966	5.79	5.69	5.59	5.35	4.90	4.59	4.27	4.44	4.35	4.27	4.49	5.17	4.90	1966
1967	5.22	5.51	5.43	---	---	---	---	---	4.36	4.93	5.56	5.40	---	1967
1968	6.23	5.61	5.49	5.92	4.92	4.57	4.68	4.55	4.63	4.52	4.67	---	---	1968
1969	---	5.48	5.19	6.09	6.11	5.36	5.09	4.99	4.78	4.51	4.98	5.07	---	1969
1970	---	5.14	4.92	5.68	5.80	5.05	4.89	4.81	4.64	4.77	4.85	---	---	1970
1971	---	5.85	5.54	6.16	6.31	4.95	4.50	4.50	---	---	4.38	4.56	---	1971
1972	4.77	5.15	5.48	6.03	6.66	5.68	5.65	5.46	5.18	5.23	5.50	5.62	5.54	1972
1973	6.14	6.10	6.60	6.47	---	---	5.56	5.25	5.08	5.12	4.96	5.21	---	1973
1974	5.27	---	---	6.48	7.24	---	5.54	5.14	4.90	4.84	5.07	5.21	---	1974
1975	---	5.22	5.45	5.98	---	5.31	4.70	---	4.59	4.80	---	---	---	1975
1989	---	---	---	---	5.006	4.989	4.740	4.574	4.418	4.505	4.772	---	---	1989
1990	5.251	5.220	5.414	5.842	5.587	5.129	4.909	4.720	4.515	5.030	5.098	5.305	5.168	1990
MOYEN	5.796	5.663	5.630	5.934	5.699	5.091	4.773	4.548	4.431	4.468	4.622	5.001	5.131	MOYEN

PLAN DE REFERENCE - GEODETIC SURVEY OF CANADA DATUM
AJOUTER .057 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 57 34
LONG 073 12 54 REGULARISE

FLEUVE A SAINT-LAURENT A LANORAIE - STATION NO. 02OB011

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1897	---	---	---	1897
1901	---	---	---	1901
1913	---	---	---	1913
1914	---	---	---	1914
1915	---	---	---	1915
1916	---	---	---	1916
1917	---	---	---	1917
1918	---	---	---	1918
1919	---	---	---	1919
1920	---	---	---	1920
1921	---	---	---	1921
1922	---	---	---	1922
1923	---	---	---	1923
1924	---	---	---	1924
1925	---	---	---	1925
1926	---	---	---	1926
1927	---	7.90 LE 20 MAR	3.97 LE 06 OCT	1927
1928	---	---	---	1928
1929	---	8.26 LE 25 MAR *	4.08 LE 30 NOV	1929
1930	---	7.04 LE 11 JAN	3.90 LE 30 NOV	1930
1931	---	6.03 LE 20 JAN	4.00 LE 08 SEP	1931
1932	---	7.07 LE 13 AVR	4.51 LE 02 JUL	1932
1933	---	7.00 LE 20 AVR	3.81 LE 13 NOV	1933
1934	---	7.58 LE 14 AVR	3.64 LE 30 OCT	1934
1935	---	5.74 LE 11 JAN	3.86 LE 22 OCT	1935
1936	---	7.51 LE 24 MAR	4.05 LE 27 SEP	1936
1937	---	7.44 LE 09 AVR	4.12 LE 18 OCT	1937
1938	---	7.92 LE 28 MAR	4.06 LE 04 DEC	1938
1939	---	7.68 LE 25 AVR	4.03 LE 27 NOV	1939
1940	---	6.51 LE 21 AVR	4.13 LE 28 OCT	1940
1941	---	6.32 LE 01 JAN	4.15 LE 01 OCT	1941
1942	---	6.41 LE 02 MAI	4.22 LE 07 SEP	1942
1943	---	7.46 LE 15 MAI	4.62 LE 12 OCT	1943
1944	---	---	---	1944
1945	---	6.97 LE 22 MAR	4.57 LE 17 SEP	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	7.56 LE 20 JAN	4.30 LE 14 NOV	1952
1953	---	7.12 LE 29 MAR	4.03 LE 16 NOV	1953
1954	---	---	---	1954
1955	---	7.38 LE 25 AVR	4.26 LE 27 SEP	1955
1956	---	---	---	1956
1957	---	6.68 LE 23 JAN	4.12 LE 22 AOU	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	5.32 LE 11 FEV	3.56 LE 29 MAR *	1965
1966	---	6.33 LE 29 JAN	4.11 LE 09 OCT	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	7.17 LE 10 MAI	4.56 LE 16 JAN	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1989	---	---	---	1989
1990	6.465 LE 28 AVR A 21:10 HNE *	6.375 LE 30 AVR	4.325 LE 28 SEP	1990

PLAN DE REFERENCE - GEODETIC SURVEY OF CANADA DATUM
AJOUTER .05 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

FONTANGES (BASSIN) A LA DIGUE KD-15 - STATION NO. 03DC005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1984	---	479.62R	480.01R	480.71R	479.42R	478.73R	478.58R	478.42R	---	---	480.56R	---	---	1984
1985	---	---	479.71	478.96	478.96	---	---	---	---	---	---	---	---	1985
MOYEN	---	479.62	479.86	479.83	479.19	478.73	478.58	478.42	---	---	480.56	---	---	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 54 35 00
LONG 071 16 30

BASSIN VERSANT, 38 600 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

FONTANGES (BASSIN) A LA DIGUE KD-15 - STATION NO. 03DC005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1984	---	---	---	1984
1985	---	---	---	1985

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

FOURCHUE (RIVIERE) AU RESERVOIR MORIN - STATION NO. 02PG009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	44.91	45.23	---	---	1982
1983	47.64	47.10	---	---	49.14	49.45	47.92	46.49	44.45	43.99	46.72	---	---	1983
1984	---	46.55	45.29	---	49.11	49.46	49.15	48.26	45.65	44.01R	44.26R	47.06R	---	1984
1985	47.61	46.29	44.38	44.50	49.37	49.43	48.81	48.17	44.43	43.52R	42.73R	43.09R	46.03R	1985
1986	42.64	43.05	42.09	---	---	---	49.49	49.26	49.40	49.43R	49.33R	48.71R	---	1986
1987	47.82	46.36	44.15	48.73	49.07	48.88	48.42	47.09	45.31	45.88R	47.32R	---	---	1987
1988	---	44.35	42.86	47.35	49.29	48.78	48.87	45.88	43.18	43.70	46.27	46.52	---	1988
1989	43.67	42.82	42.97	46.99	49.29	49.20	47.91	46.26	44.38	43.26	43.80	44.24	45.41	1989
1990	44.38	44.79	45.14	47.37	49.20	49.19	48.58	46.84	44.22	---	---	---	---	1990
MOYEN	45.63	45.16	43.84	46.99	49.21	49.20	48.64	47.28	45.13	44.84	45.71	45.92	45.72	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 145.76 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 38 58 BASSIN VERSANT, 261 km²
LONG 069 30 42 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

FOURCHUE (RIVIERE) AU RESERVOIR MORIN - STATION NO. 02PG009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	49.68 LE 15 MAI *	42.09 LE 07 NOV *	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	49.50 LE 12 JUN	42.56 LE 22 JAN	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 145.76 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

FREGATE (LAC DE LA) - STATION NO. 03DE007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	---	---	---	28.98	30.61	31.00	---	---	30.25	---	---	314.11	---	1983
1984	313.79	313.56	---	313.53	315.30	315.11	314.51	314.29	314.23	315.00R	314.54R	314.27R	---	1984
1985	313.95	313.67	313.55	313.46	314.24	---	---	---	---	---	---	---	---	1985
MOYEN	313.87	313.62	313.55	218.66	220.05	173.05	314.51	314.29	172.24	315.00	314.54	314.19	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 284.54 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 53 09 45 BASSIN VERSANT, 13 800 km²
LONG 074 49 15 DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

FREGATE (LAC DE LA) - STATION NO. 03DE007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 284.54 m POUR OBTENIR LES COTES GEODESIQUES

GATINEAU (RIVIERE) A BOUCHETTE - STATION NO. 02LH007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	143.59	143.54	143.87	143.61	144.05	143.89	---	---	1964
1965	144.14	144.16	144.06	143.26	143.53	143.48	143.53	143.74	143.92	---	144.92	144.58	---	1965
1966	145.18	145.23	144.59	144.15	144.28	144.27	143.95	144.00	143.91	143.95	144.07	144.43	144.13	1966
1967	144.78	145.56	145.45	143.99	144.66	144.97	144.19	144.25	144.22	144.03	145.46	144.70	144.68	1967
1968	146.27	146.00	145.25	144.01	144.42	144.43	144.49	144.36	143.57	143.62	143.88	144.63	144.50	1968
1969	145.66	145.26	144.62	143.98	143.87	144.34	144.18	143.75	143.47	143.75	143.86	144.47	144.26	1969
1970	145.05	144.91	144.49	143.49	143.82	144.94	144.55	144.37	143.91	144.07*	144.33	144.54	144.37	1970
1971	145.55	145.92	145.51	144.29	143.79	143.92	144.22	143.79	144.14	143.85	141.68	143.92	144.37	1971
1972	143.99	143.88	143.25	143.74	144.15	144.46	144.05	144.62	144.26	144.26	144.53	144.65	144.22	1972
1973	144.65	145.01	144.65	144.32	144.67	144.76	144.64	144.19	144.56	144.73	144.66	144.97	144.65	1973
1974	145.33	145.13	145.25	144.11	---	---	---	144.12	143.68	143.73	144.35	144.68	---	1974
1975	145.35	145.69	144.96	144.04	143.61	144.15	143.77	143.61	143.58	---	143.56	144.17	---	1975
1976	145.21	145.34	144.37	144.62	145.28	143.94	143.94	144.32	144.07	143.47	143.42	144.65	144.39	1976
1977	144.77	144.69	144.68	144.34	144.58	143.49	143.49	143.50	143.57	143.54	143.40	144.69	144.06	1977
1978	145.77	145.62	144.48	143.20	143.36	143.74	143.67	143.76	143.55	143.57	143.34	143.86	143.99	1978
1979	144.54	144.60	144.30	144.03	145.56	144.07	143.71	143.78	143.76	144.21	---	145.18	---	1979
1980	145.36	146.47	144.42	144.06	143.49	143.80	143.75	143.73	143.80	144.12	144.20	144.66	144.31	1980
1981	145.12	144.92	145.33	145.63	145.47	145.08	143.92	143.77	143.78	143.73	143.73	143.84	144.52	1981
1982	144.26	144.36	144.12	143.92	143.51	143.48	---	---	---	---	---	---	---	1982
MOYEN	145.05	145.15	144.65	144.07	144.24	144.16	144.02	143.97	143.85	143.92	144.08	144.51	144.36	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 12 41
LONG 075 56 25

BASSIN VERSANT, 20 400 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

GATINEAU (RIVIERE) A BOUCHETTE - STATION NO. 02LH007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	145.73 LE 18 JAN	142.51 LE 29 AVR	1966
1967	---	145.71 LE 28 JUN	142.75 LE 03 SEP	1967
1968	---	146.07 LE 17 JAN	143.04 LE 13 SEP	1968
1969	---	145.85 LE 16 JAN	141.82 LE 28 SEP *	1969
1970	---	146.41 LE 07 JUN	142.97 LE 18 AVR	1970
1971	---	146.23 LE 26 FEV	142.37 LE 01 NOV	1971
1972	---	145.26 LE 17 JUL	142.61 LE 05 AVR	1972
1973	---	146.01 LE 25 DEC	143.59 LE 16 MAR	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	146.01 LE 22 MAI	143.23 LE 25 NOV	1976
1977	---	145.76 LE 10 MAI	142.95 LE 29 SEP	1977
1978	---	146.31 LE 14 JAN	142.61 LE 09 AVR	1978
1979	---	---	---	1979
1980	---	147.40 LE 13 FEV *	143.15 LE 21 JUN	1980
1981	---	146.28 LE 22 MAI	143.12 LE 28 NOV	1981
1982	---	---	---	1982

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

GATINEAU (RIVIERE) A LA CENTRALE DE PAUGAN-FALLS - STATION NO. 02LH009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1927	---	---	---	---	137.43R	136.66R	139.70R	141.07R	136.81R	137.29R	139.35R	---	---	1927
1928	137.46R	138.08R	---	134.13R	136.53R	134.76R	135.01R	139.95R	140.74R	141.20R	141.05R	141.26R	---	1928
1929	141.31R	141.23R	141.25R	141.24R	139.76R	140.88R	141.26R	140.88R	140.52R	140.30R	140.70R	140.87R	140.85R	1929
1930	140.81R	140.69R	140.74R	141.01R	141.01R	141.15R	141.16R	141.06R	141.24R	140.64R	140.92R	140.57R	140.92R	1930
1931	140.17R	140.06R	140.76R	140.34R	140.29R	139.93R	140.26R	139.91R	139.86R	140.18R	140.98R	140.35R	140.26R	1931
1932	140.57R	140.59R	140.56R	140.70R	140.79R	140.46R	140.78R	140.70R	140.60R	140.91R	141.13R	141.07R	140.74R	1932
1933	140.87R	140.85R	141.00R	140.68R	140.70R	141.14R	140.88R	140.49R	140.33R	140.74R	140.57R	140.65R	140.74R	1933
1934	140.46R	140.52R	140.75R	140.95R	140.95R	141.22R	141.17R	140.40R	140.50R	140.76R	140.66R	140.06R	140.70R	1934
1935	140.59R	140.78R	140.84R	140.50R	140.47R	140.77R	140.37R	140.14R	140.43R	140.82R	140.76R	140.16R	140.55R	1935
1936	140.70R	140.67R	140.71R	140.78R	139.51R	140.91R	141.27R	140.66R	141.05R	140.92R	141.11R	140.68R	140.74R	1936
1937	140.99R	141.18R	141.36R	141.34R	141.23R	141.20R	140.79R	140.61R	140.50R	140.48R	140.98R	140.95R	140.96R	1937
1938	140.73R	140.99R	140.91R	141.18R	140.75R	141.08R	141.09R	141.04R	140.56R	140.95R	140.85R	140.30R	140.87R	1938
1939	140.37R	140.69R	140.29R	140.79R	141.23R	140.65R	140.88R	140.85R	140.18R	140.17R	140.74R	140.44R	140.61R	1939
1940	140.58R	140.56R	140.58R	140.52R	140.88R	141.19R	141.12R	140.27R	140.56R	140.63R	140.81R	140.40R	140.67R	1940
1941	140.54R	140.77R	140.48R	140.93R	140.71R	140.44R	140.57R	140.17R	140.56R	140.16R	141.09R	140.88R	140.61R	1941
1942	140.47R	140.58R	140.72R	140.57R	140.94R	141.19R	140.50R	140.62R	140.46R	---	140.73R	140.58R	---	1942
1943	140.63R	140.72R	140.48R	140.11R	141.18R	141.21R	140.87R	140.36R	140.29R	140.42R	140.83R	140.05R	140.60R	1943
1944	140.57R	140.62R	140.64R	140.23R	140.65R	140.90R	140.45R	140.43R	140.36R	140.81R	141.20R	140.96R	140.65R	1944
1945	140.97R	140.98R	140.94R	140.99R	140.72R	140.74R	140.76R	140.68R	140.73R	141.00R	140.95R	140.34R	140.81R	1945
1946	140.89R	140.96R	141.03R	140.26R	140.59R	140.59R	140.61R	140.78R	140.65R	140.79R	140.93R	140.87R	140.74R	1946
1947	140.83R	140.89R	140.93R	141.02R	139.61R	139.89R	141.02R	140.63R	140.57R	140.73R	140.91R	140.73R	140.65R	1947
1948	140.65R	141.05R	140.95R	140.33R	140.30R	140.74R	140.74R	140.53R	140.47R	140.80R	141.01R	140.69R	140.69R	1948
1949	140.71R	140.84R	140.73R	140.44R	140.44R	140.30R	140.60R	140.29R	140.27R	140.71R	140.63R	140.91R	140.57R	1949
1950	140.90R	140.75R	140.39R	140.14R	140.24R	140.68R	140.42R	140.22R	140.66R	140.75R	141.09R	140.19R	140.53R	1950
1951	140.78R	140.84R	140.55R	140.56R	140.78R	140.41R	140.76R	140.61R	140.96R	140.70R	140.99R	140.69R	140.72R	1951
1952	140.79R	140.58R	140.48R	140.62R	139.83R	140.83R	141.04R	140.70R	140.57R	140.43R	140.66R	140.76R	140.61R	1952
1953	140.67R	140.83R	141.00R	140.96R	141.06R	140.82R	140.94R	140.69R	140.91R	140.45R	140.90R	140.94R	140.84R	1953
1954	140.69R	140.94R	140.42R	140.85R	140.49R	140.65R	140.72R	140.76R	140.78R	140.88R	141.03R	140.72R	140.74R	1954
1955	140.64R	140.66R	140.67R	140.87R	140.73R	140.94R	140.55R	140.78R	140.38R	140.39R	140.32R	140.31R	140.59R	1955
1956	140.17R	140.36R	140.33R	139.57R	140.29R	140.58R	140.48R	140.22R	139.81R	140.30R	140.48R	140.24R	140.24R	1956
1957	139.95R	140.32R	140.46R	140.33R	140.30R	140.78R	139.98R	140.60R	140.58R	140.50R	140.80R	140.82R	140.45R	1957
1958	140.61R	140.56R	140.72R	140.13R	140.39R	140.22R	140.75R	140.39R	140.58R	140.44R	140.20R	139.94R	140.41R	1958
1959	140.31R	140.53R	140.71R	139.67R	140.03R	140.67R	140.54R	140.40R	140.77R	140.54R	140.66R	140.16R	140.42R	1959
1960	140.52R	140.40R	140.61R	140.14R	140.50R	140.40R	140.50R	140.16R	140.29R	140.56R	140.83R	140.39R	140.44R	1960
1961	140.73R	140.63R	140.55R	140.06R	140.14R	140.21R	140.20R	140.50R	140.00R	140.45R	140.56R	140.32R	140.33R	1961
1962	140.41R	140.25R	140.47R	139.63R	140.20R	140.47R	140.34R	140.20R	140.69R	140.96R	140.92R	140.78R	140.46R	1962
1963	140.61R	140.88R	140.84R	139.88R	140.22R	140.07R	140.31R	140.61R	140.53R	140.63R	140.68R	140.43R	140.47R	1963
1964	140.36R	140.47R	140.49R	140.18R	140.30R	140.32R	140.79R	140.68R	140.81R	140.88R	140.84R	140.53R	140.56R	1964
1965	140.80R	140.70R	140.82R	140.18R	140.21R	140.90R	140.58R	140.32R	140.71R	140.78R	140.66R	140.40R	140.59R	1965
1966	140.74R	140.74R	140.70R	139.65R	140.45R	140.08R	140.50R	140.42R	140.69R	---	---	---	---	1966
MOYEN	140.54R	140.63R	140.71R	140.32R	140.30R	140.42R	140.53R	140.52R	140.45R	140.55R	140.78R	140.56R	140.62R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 48 34
LONG 075 55 55

BASSIN VERSANT, 22 500 km²
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

GATINEAU (RIVIERE) A LA CENTRALE DE PAUGAN-FALLS - STATION NO. 02LH009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1927	---	---		---		1927
1928	---	---		---		1928
1929	---	143.04	LE 19 MAI	138.84	LE 27 MAI	1929
1930	---	141.46	LE 02 AOU	139.75	LE 10 OCT	1930
1931	---	141.58	LE 22 NOV	138.01	LE 15 AOU	1931
1932	---	141.43	LE 23 AVR	138.29	LE 29 AOU	1932
1933	---	141.40	LE 01 AOU	138.20	LE 26 AOU	1933
1934	---	141.43	LE 16 JUN	138.57	LE 30 DEC	1934
1935	---	141.46	LE 02 JUL	138.82	LE 07 DEC	1935
1936	---	141.49	LE 26 OCT	137.79	LE 20 MAI	1936
1937	---	141.46	LE 13 MAR	139.51	LE 16 OCT	1937
1938	---	141.44	LE 14 MAR	139.10	LE 22 JAN	1938
1939	---	141.44	LE 18 JUL	138.99	LE 15 SEP	1939
1940	---	141.37	LE 29 JUL	139.41	LE 29 DEC	1940
1941	---	141.44	LE 26 DEC	137.21	LE 19 OCT *	1941
1942	---	---		---		1942
1943	---	141.41	LE 31 MAI	138.83	LE 31 DEC	1943
1944	---	143.29	LE 28 JAN *	138.93	LE 02 SEP	1944
1945	---	141.63	LE 19 MAR	139.14	LE 30 DEC	1945
1946	---	141.62	LE 12 DEC	139.29	LE 04 MAI	1946
1947	---	141.61	LE 31 MAR	138.01	LE 28 MAI	1947
1948	---	141.62	LE 23 FEV	138.92	LE 08 MAI	1948
1949	---	141.53	LE 19 DEC	138.35	LE 03 AVR	1949
1950	---	141.52	LE 20 NOV	138.24	LE 30 DEC	1950
1951	---	142.54	LE 11 SEP	139.26	LE 17 AVR	1951
1952	---	141.40	LE 23 JUN	139.02	LE 19 MAI	1952
1953	---	142.57	LE 01 SEP	139.03	LE 17 OCT	1953
1954	---	142.33	LE 20 AOU	139.08	LE 10 JUN	1954
1955	---	141.43	LE 23 MAI	138.75	LE 24 DEC	1955
1956	---	141.37	LE 20 NOV	138.58	LE 26 AVR	1956
1957	---	141.51	LE 09 DEC	138.41	LE 04 MAI	1957
1958	---	141.47	LE 20 MAI	138.30	LE 14 DEC	1958
1959	---	141.40	LE 02 MAR	138.17	LE 02 MAI	1959
1960	---	142.42	LE 29 MAR	138.38	LE 20 AOU	1960
1961	---	141.29	LE 06 FEV	138.59	LE 02 SEP	1961
1962	---	141.46	LE 19 NOV	138.10	LE 07 AVR	1962
1963	---	141.40	LE 02 DEC	138.24	LE 12 AVR	1963
1964	---	143.13	LE 26 AVR	139.03	LE 02 MAI	1964
1965	---	141.37	LE 21 JUN	138.83	LE 08 AOU	1965
1966	---	---		---		1966

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

GATINEAU (RIVIERE) A MANIWAKI - STATION NO. 02LH001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1925	---	---	162.66	164.88	165.54	164.49	163.72	163.20	162.04	162.30	162.63	163.04	---	1925
1926	162.66	162.29	162.28	162.55	165.97	164.59	163.65	162.61	162.14	162.19	164.02	164.22	163.27	1926
1927	163.97	163.27	163.09	---	161.79	162.15	163.66	164.14	162.67	162.89	---	163.10	---	1927
1928	---	163.81	163.49	164.27	166.48	164.67	163.71	163.16	163.61	164.20	163.66	163.28	---	1928
1929	---	163.62	---	---	166.57	164.19	163.77	---	162.87	163.03	---	---	---	1929
1930	---	---	---	162.42	162.90	163.70	163.36	162.90	163.07	162.99	---	---	---	1930
1931	---	---	---	162.23	162.26	---	162.33	162.39	162.59	---	162.86	---	---	1931
1932	---	---	---	162.39	162.57	---	---	163.27	164.21	163.99	163.70	---	---	1932
1933	---	---	---	164.33	164.83	163.24	---	163.12	163.20	---	---	---	---	1933
1934	---	163.47	---	162.93	---	163.62	---	162.90	---	---	---	---	---	1934
1935	---	163.53	---	---	---	162.54	---	---	---	163.01	162.88	---	---	1935
1936	163.46	---	163.45	162.92	---	---	---	---	---	163.15	---	163.38	---	1936
1937	163.33	163.70	163.75	---	---	---	---	163.05	---	---	---	163.45	---	1937
1938	163.74	---	---	163.52	---	163.81	---	162.79	162.95	---	163.19	---	---	1938
1939	---	163.88	163.79	163.38	163.61	---	---	---	163.30	---	---	163.21	---	1939
1940	163.61	163.62	163.36	162.92	163.34	164.56	163.79	163.48	163.30	163.12	162.98	163.12	163.43	1940
1941	163.43	163.49	163.39	163.01	162.75	162.77	162.94	163.12	163.02	163.31	163.64	163.46	163.19	1941
1942	163.69	163.67	163.44	162.97	164.02	163.86	163.47	163.41	163.21	163.21	163.08	163.21	163.44	1942
1943	163.81	163.62	163.53	163.30	163.63	164.36	163.50	163.45	163.49	163.21	162.87	163.21	163.50	1943
1944	163.40	163.37	163.13	162.76	162.66	162.29	162.44	162.89	163.09	162.89	163.03	163.16	162.93	1944
1945	163.69	163.67	163.22	162.82	162.76	162.94	162.96	162.79	162.77	162.68	---	163.32	---	1945
1946	163.45	163.59	162.93	162.75	162.92	163.18	163.20	163.06	163.08	---	---	163.24	---	1946
1947	163.78	163.81	163.67	163.45	---	---	---	163.45	163.69	---	---	163.27	---	1947
1948	163.84	164.03	163.25	162.74	163.03	163.14	---	---	163.25	---	---	---	---	1948
1949	163.39	---	---	---	---	---	---	---	---	---	---	---	---	1949
1950	---	---	---	---	---	---	---	163.22	---	---	---	---	---	1950
1951	---	---	---	164.21	---	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	---	163.67	---	163.14	163.18	---	---	---	1952
1953	163.61	---	---	---	---	---	162.98	---	162.99	163.14	---	162.97	---	1953
1954	163.43	163.65	163.78	162.78	---	163.38	---	163.10	163.17	---	---	---	---	1954
1955	---	163.71	---	163.65	---	---	162.98	162.69	162.88	---	163.14	163.44	---	1955
1956	---	163.80	163.68	162.98	---	---	---	---	164.00	---	---	---	---	1956
1957	163.83	163.86	---	---	163.06	162.89	163.28	---	163.53	---	---	163.76	---	1957
1958	---	---	---	---	163.23	---	163.17	---	163.30	---	---	---	---	1958
1959	163.96	---	163.73	162.98	---	---	---	---	---	162.71	---	---	---	1959
1960	163.81	163.63	---	163.10	---	---	---	---	163.49	---	163.54	164.23	---	1960
1961	164.23	164.00	163.65	162.74	162.60	162.69	---	162.99	163.57	---	163.21	163.37	---	1961
1962	163.96	164.29	163.93	162.65	162.88	162.76	---	163.21	162.98	162.65	---	---	---	1962
1963	163.44	163.31	163.38	162.76	162.70	162.59	162.66	162.70	---	---	163.10	163.50	---	1963
1964	---	163.46	163.19	162.99	---	---	162.68	162.80	162.85	163.26	163.15	---	---	1964
1965	164.07	163.91	163.36	162.27	162.80	162.70	162.80	163.02	---	---	164.11	163.80	---	1965
1966	163.77	163.79	163.66	163.40	163.60	---	---	163.28	163.22	163.29	163.42	163.39	---	1966
1967	163.86	164.24	163.99	163.26	163.88	164.06	163.35	163.41	163.33	163.18	164.65	163.67	163.73	1967
1968	164.24	164.14	163.68	163.01	163.42	163.44	163.47	163.32	162.66	162.71	162.91	163.52	163.38	1968
1969	164.61	164.32	163.92	162.78	162.80	163.41	163.50	162.99	162.84	163.14	163.27	163.69	163.44	1969
1970	163.87	163.82	163.41	---	163.53	164.16	163.75	163.52	163.21	163.27	163.58	163.42	---	1970
1971	163.73	164.05	163.63	162.46	163.03	163.19	163.46	163.19	163.44	163.22	162.96	163.34	163.30	1971
1972	163.64	163.20	162.90	163.31	163.50	---	---	163.77	163.48	---	163.72	163.56	---	1972
1973	163.60	---	163.77	163.57	163.94	164.03	163.96	---	---	163.96	163.94	164.21	---	1973
1974	163.72	163.67	163.52	162.86	---	165.99	164.17	---	163.08	---	---	163.89	---	1974
1975	---	163.75	163.45	163.35	163.09	163.37	163.11	---	163.00	162.91	162.86	163.25	---	1975
1976	164.01	164.19	163.55	163.69	164.44	163.11	163.24	---	163.35	162.79	---	163.93	---	1976
1977	164.00	164.25	---	163.64	163.85	162.83	162.78	162.76	162.83	162.65	162.58	163.58	---	1977
1978	163.82	164.06	162.91	162.50	162.44	162.91	162.92	163.00	162.78	162.64	162.49	162.80	162.93	1978
1979	164.03	164.27	163.76	163.52	164.67	163.23	162.93	162.98	163.03	163.39	163.77	164.05	163.63	1979
1980	164.28	164.12	163.43	163.19	162.67	162.98	162.95	162.93	162.92	163.20	163.35	163.41	163.28	1980
1981	---	163.96	164.20	164.62	164.55	164.19	163.14	162.98	162.97	162.92	162.95	162.95	---	1981
1982	163.27	---	---	162.97	162.67	162.56	162.20	162.86	162.64	162.87	162.77	162.78	---	1982
1983	163.78	163.74	163.52	162.98	164.68	164.04	163.04	163.13	162.97	162.79	162.54	---	---	1983
1984	---	163.25	163.43	163.39	163.19	163.68	163.16	163.00	163.16	163.05R	163.34R	163.30R	---	1984
1985	163.98	163.78	163.63	163.28	163.28	162.99	163.01	163.58	163.11	163.07R	163.10R	163.27R	163.34R	1985
1986	163.53	163.47	162.45	162.81	163.46	163.51	163.06	162.91	162.90	162.96R	162.75R	163.41R	163.10R	1986
1987	163.54	163.35	162.79	162.71	162.21	162.82	162.56	162.48	162.53	162.57R	162.95R	163.15R	162.80R	1987
1988	163.90	163.46	162.40	163.03	163.26	162.67	162.64	162.98	163.11	164.02	164.86	163.84	163.35	1988
1989	163.74	163.73	163.42	163.08	163.06	163.20	162.77	162.61	162.70	163.03	163.56	163.81	163.22	1989
1990	163.69	163.53	163.00	162.99	---	162.97	163.07	163.29	162.90	---	---	---	---	1990
MOYEN	163.74	163.72	163.39	163.13	163.49	163.41	163.18	163.08	163.08	163.07	163.28	163.44	163.29	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 22 58
LONG 075 57 58

BASSIN VERSANT, 19 700 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

GATINEAU (RIVIERE) A MANIWAKI - STATION NO. 02LH001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1925	---	---	---	1925
1926	---	166.89 LE 25 MAI *	161.93 LE 12 OCT	1926
1927	---	---	---	1927
1928	---	---	---	1928
1929	---	---	---	1929
1930	---	---	---	1930
1931	---	---	---	1931
1932	---	---	---	1932
1933	---	---	---	1933
1934	---	---	---	1934
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	---	---	1937
1938	---	---	---	1938
1939	---	---	---	1939
1940	---	164.78 LE 13 JUN	162.34 LE 13 AVR	1940
1941	---	163.96 LE 16 JAN	162.27 LE 09 OCT	1941
1942	---	165.01 LE 26 MAI	162.53 LE 02 AVR	1942
1943	---	164.54 LE 17 JUN	162.57 LE 26 OCT	1943
1944	---	163.83 LE 01 JAN	161.89 LE 03 JUL	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	165.24 LE 07 NOV	161.90 LE 03 SEP	1967
1968	---	164.63 LE 18 JAN	161.80 LE 14 SEP	1968
1969	---	164.96 LE 11 FEV	161.53 LE 27 SEP *	1969
1970	---	---	---	1970
1971	---	164.61 LE 18 NOV	161.71 LE 14 AVR	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	164.51 LE 01 FEV	161.71 LE 01 AVR	1978
1979	---	166.76 LE 03 MAR	162.39 LE 14 AOU	1979
1980	---	164.40 LE 19 JAN	162.32 LE 20 JUN	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	164.39 LE 26 AVR	162.23 LE 06 JUN	1985
1986	---	164.45 LE 27 MAI	162.18 LE 04 NOV	1986
1987	---	163.77 LE 23 JAN	162.06 LE 07 MAI	1987
1988	---	165.18 LE 17 NOV	162.05 LE 25 MAR	1988
1989	---	164.00 LE 06 DEC	162.43 LE 10 JUN	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

GATINEAU (RIVIERE) AU RESERVOIR BASKATONG - STATION NO. 02LG007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	221.31R	220.85R	219.41R	220.15R	225.33R	227.10R	226.66R	225.93R	226.68R	225.76R	224.97R	225.18R	224.13R	1963
1964	223.69R	221.49R	---	218.43R	227.00R	228.57R	228.79R	228.15R	227.53R	226.55R	225.38R	223.74R	---	1964
1965	223.01R	220.62R	217.42R	216.10R	225.33R	228.27R	228.05R	228.77R	229.79R	230.30R	230.29R	229.51R	225.66R	1965
1966	227.76R	225.06R	221.87R	223.08R	227.73R	229.22R	228.95R	229.03R	228.49R	227.71R	228.16R	228.95R	227.18R	1966
1967	220.92R	218.36R	215.10R	214.75R	221.93R	223.22R	223.12R	222.29R	220.52R	220.68R	223.10R	222.54R	220.56R	1967
1968	220.75R	218.12R	214.44R	217.98R	222.50R	221.99R	221.31R	219.49R	218.92R	219.89R	219.75R	218.42R	219.47R	1968
1969	216.48R	214.46R	213.31R	213.63R	220.19R	222.57R	221.83R	220.57R	220.26R	220.38R	220.69R	220.31R	218.75R	1969
1970	218.07R	215.97R	213.01R	211.33R	220.97R	223.00R	222.78R	221.77R	220.58R	220.19R	219.71R	218.35R	218.83R	1970
1971	215.67R	213.00R	211.33R	211.56R	220.25R	222.61R	221.59R	219.71R	217.63R	217.07R	216.36R	214.31R	216.78R	1971
1972	212.22R	211.20R	211.56R	210.76R	218.93R	222.90R	222.66R	221.67R	221.36R	221.91R	222.29R	220.94R	218.23R	1972
1973	218.94R	217.03R	214.99R	217.07R	222.32R	222.69R	221.98R	221.91R	222.57R	221.45R	219.55R	218.66R	219.95R	1973
1974	217.11R	215.27R	211.97R	212.10R	222.21R	223.25R	222.64R	221.41R	220.11R	220.38R	221.52R	220.89R	219.10R	1974
1975	218.54R	215.12R	211.27R	208.69R	218.79R	221.78R	221.72R	220.61R	220.03R	220.09R	220.07R	219.62R	218.05R	1975
1976	217.39R	213.33R	209.57R	216.71R	222.67R	222.57R	222.95R	222.96R	222.06R	221.58R	221.29R	220.24R	219.46R	1976
1977	218.03R	215.84R	213.14R	214.99R	218.13R	222.22R	222.31R	222.16R	221.92R	221.33R	221.08R	220.66R	219.68R	1977
1978	218.06R	214.70R	208.98R	207.89R	218.64R	222.08R	221.85R	222.02R	220.01R	219.80R	219.44R	218.57R	217.60R	1978
1979	216.72R	214.06R	210.27R	214.10R	221.60R	222.28R	222.00R	221.40R	221.01R	222.21R	222.47R	222.53R	219.26R	1979
1980	220.54R	217.14R	213.46R	214.96R	220.36R	220.86R	220.32R	219.82R	219.49R	220.41R	221.38R	220.39R	219.10R	1980
1981	218.10R	215.76R	217.05R	219.79R	222.68R	222.57R	222.17R	221.44R	220.38R	219.37R	219.06R	218.27R	219.74R	1981
1982	216.52R	213.61R	210.04R	209.53R	216.71R	220.54R	219.81R	218.00R	---	216.62R	216.71R	218.66R	---	1982
1983	---	217.05R	213.16R	213.73R	221.48R	222.76R	221.98R	220.44R	218.41R	217.81R	217.31R	---	---	1983
1984	215.19R	212.74R	210.54R	213.72R	221.07R	222.87R	222.81R	222.64R	222.44R	221.82R	221.47R	221.15R	219.06R	1984
1985	219.96R	217.53	212.77	210.68	219.95	221.27	221.64	222.34	221.17	220.91	220.24	219.21	218.99R	1985
1986	217.29	213.18	209.60	215.25	222.05	222.53	221.87	---	220.14	220.57	220.63R	219.06R	---	1986
1987	216.61	213.24	210.04	215.33	218.61	219.65	219.48	219.00	218.57	218.63	219.37	218.99	217.32	1987
1988	---	---	---	---	---	---	---	221.91	222.52	222.96	223.02	222.05	---	1988
1989	219.81	216.57	---	---	---	---	---	---	---	219.65	220.65	220.74	---	1989
1990	218.18	214.52	210.94	212.76	220.76	221.35	221.81	221.88	221.30	---	---	---	---	1990
MOYEN	218.73	216.14	213.01	214.43	221.70	223.10	222.81	222.17	221.69	221.33	221.33	220.84	219.85	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 43 04 LONG 075 59 03 — BASSIN VERSANT, 15 600 km² REGULARISE

R - REVISEE DEPUIS JAN 01 1988

GATINEAU (RIVIERE) AU RESERVOIR BASKATONG - STATION NO. 02LG007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1963	---	238.91	LE 07 JUN *	218.57	LE 31 MAR	1963
1964	---	---		---		1964
1965	---	230.39	LE 01 NOV	212.37	LE 06 AVR	1965
1966	---	229.31	LE 19 JUN	220.09	LE 24 MAR	1966
1967	---	223.36	LE 10 JUN	213.18	LE 09 AVR	1967
1968	---	222.62	LE 12 MAI	213.38	LE 27 MAR	1968
1969	---	222.74	LE 14 JUN	211.72	LE 08 AVR	1969
1970	---	223.35	LE 06 JUN	209.80	LE 12 AVR	1970
1971	---	222.83	LE 08 JUN	209.92	LE 11 AVR	1971
1972	---	223.18	LE 29 JUN	209.78	LE 20 AVR	1972
1973	---	222.89	LE 23 MAI	214.66	LE 11 MAR	1973
1974	---	223.46	LE 20 JUN	209.60	LE 10 AVR	1974
1975	---	222.17	LE 20 JUN	207.25	LE 15 AVR	1975
1976	---	223.21	LE 17 AOU	208.98	LE 22 MAR	1976
1977	---	222.49	LE 09 JUL	212.07	LE 30 MAR	1977
1978	---	222.32	LE 02 JUL	205.47	LE 29 MAR *	1978
1979	---	222.95	LE 28 OCT	208.53	LE 25 MAR	1979
1980	---	221.92	LE 01 JAN	211.93	LE 28 MAR	1980
1981	---	223.30	LE 22 MAI	215.12	LE 19 FEV	1981
1982	---	---		---		1982
1983	---	---		---		1983
1984	---	223.02	LE 20 JUN	209.34	LE 02 AVR	1984
1985	---	222.78	LE 02 AOU	209.37	LE 14 AVR	1985
1986	---	---		---		1986
1987	---	219.72	LE 01 JUN	208.83	LE 25 MAR	1987
1988	---	---		---		1988
1989	---	---		---		1989
1990	---	---		---		1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

GENS DE TERRE (RIVIERE) AU RESERVOIR CABONGA - STATION NO. 02LG003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	357.97R	---	356.40R	356.54R	357.37R	357.70R	357.78R	357.88R	357.97R	357.91R	357.54R	357.60R	---	1963
1964	357.49R	357.42R	357.57R	357.55R	358.28R	358.60R	358.63R	358.52R	358.33R	358.10R	357.69R	357.80R	358.00R	1964
1965	357.76R	357.75R	357.40R	357.13R	357.92R	358.36R	358.33R	358.41R	358.69R	358.98R	359.21R	359.51R	358.30R	1965
1966	359.70R	359.61R	359.31R	358.89R	359.28R	359.71R	359.89R	360.04R	360.01R	359.95R	359.84R	360.26R	359.71R	1966
1967	360.52R	360.60R	360.06R	360.01R	360.70R	360.88R	360.78R	360.55R	360.45R	360.69R	360.84R	360.79R	360.57R	1967
1968	360.47R	360.10R	359.63R	359.85R	360.34R	360.50R	360.36R	360.49R	360.33R	360.12R	360.25R	360.21R	360.22R	1968
1969	359.53R	358.62R	357.58R	357.45R	358.30R	358.87R	359.12R	359.16R	358.97R	358.57R	358.90R	359.21R	358.69R	1969
1970	359.23R	358.95R	358.79R	358.86R	359.56R	360.07R	360.19R	360.25R	360.13R	359.79R	359.34R	359.48R	359.56R	1970
1971	359.56R	358.90R	358.34R	358.66R	359.33R	359.68R	359.65R	359.66R	359.57R	358.90R	358.62R	358.78R	359.14R	1971
1972	358.78R	358.39R	358.14R	358.30R	359.02R	359.58R	359.96R	360.01R	360.01R	359.87R	360.05R	360.26R	359.37R	1972
1973	360.28R	359.94R	359.52R	359.91R	360.60R	360.88R	360.83R	360.75R	360.33R	360.19R	360.29R	359.98R	360.29R	1973
1974	359.62R	359.45R	359.36R	359.66R	360.47R	360.89R	360.80R	360.79R	360.64R	360.09R	359.76R	359.57R	360.10R	1974
1975	359.43R	359.37R	359.23R	359.19R	359.81R	360.21R	360.27R	360.25R	359.99R	359.61R	359.60R	358.84R	359.65R	1975
1976	358.74R	358.88R	359.03R	359.56R	360.22R	360.55R	360.70R	360.84R	360.47R	360.24R	359.70R	359.28R	359.84R	1976
1977	358.89R	358.82R	359.11R	359.73R	360.25R	360.48R	360.69R	360.53R	360.37R	360.06R	359.54R	359.49R	359.84R	1977
1978	359.42R	359.22R	359.26R	359.48R	360.04R	360.10R	360.07R	359.99R	359.70R	359.65R	359.35R	359.02R	359.60R	1978
1979	358.88R	358.93R	359.07R	359.46R	360.26R	360.67R	360.65R	360.65R	360.67R	360.77	360.01	360.69	360.14R	1979
1980	360.41	359.82	359.34	359.54	360.09	360.30	360.24	360.30	360.23	360.38	360.44	360.41	360.13	1980
1981	360.27	359.86	359.69	360.46	360.87	360.79	360.70	360.33	360.11	360.07	359.96	359.40	360.21	1981
1982	358.86	358.88	358.56	358.70	359.39	359.59	359.65	359.55	359.46	359.18	359.06	358.58	359.12	1982
1983	---	358.78	358.89	359.17	360.08	360.59	360.63	360.49	360.13	359.93	359.99	359.24	---	1983
1984	358.08	357.93	358.11	358.57	359.17	359.66	359.94	360.07	360.04	359.94	360.01	360.17	359.31	1984
1985	359.50	359.28	359.44	359.68	360.40	360.50	360.43	360.71	360.64	359.97	359.78	358.91	359.94	1985
1986	358.53	358.49	358.70	359.22	359.88	360.16	360.26	---	359.93	---	359.58R	359.20R	---	1986
1987	358.48	358.10	357.81	358.32	358.45	358.43	358.45	358.39	358.22	357.91	357.93	358.12	358.22	1987
1988	---	---	---	---	---	---	---	358.32	358.27	358.19	358.54	358.89	---	1988
1989	359.06	359.17	---	---	---	---	---	---	---	359.00	358.80	---	---	1989
1990	358.97	359.07	359.15	359.42	359.99	360.19	359.89	359.48	359.03	---	---	---	---	1990
MOYEN	359.17	359.02	358.75	358.97	359.62	359.92	359.96	359.85	359.73	359.54	359.46	359.37	359.54	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 18 43
LONG 076 28 09

BASSIN VERSANT, 2 620 km²
REGULARISE

DONNEES FOURNIES PAR -
HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

GENS DE TERRE (RIVIERE) AU RESERVOIR CABONGA - STATION NO. 02LG003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1963	---	---		---		1963
1964	---	358.73	LE 08 JUL	357.23	LE 06 AVR	1964
1965	---	359.62	LE 30 DEC	356.94	LE 12 AVR *	1965
1966	---	360.40	LE 30 DEC	358.77	LE 12 AVR	1966
1967	---	360.93	LE 12 JUN	359.79	LE 28 MAR	1967
1968	---	360.68	LE 01 JAN	359.46	LE 26 MAR	1968
1969	---	359.92	LE 01 JAN	357.25	LE 08 AVR	1969
1970	---	360.29	LE 18 AOU	358.66	LE 11 AVR	1970
1971	---	359.74	LE 03 JUL	358.27	LE 09 MAR	1971
1972	---	360.33	LE 30 DEC	358.06	LE 09 MAR	1972
1973	---	360.91	LE 11 JUN	359.39	LE 15 MAR	1973
1974	---	360.99	LE 20 JUN *	359.34	LE 16 MAR	1974
1975	---	360.30	LE 24 JUN	358.63	LE 22 DEC	1975
1976	---	360.78	LE 05 JUL	358.67	LE 01 JAN	1976
1977	---	360.73	LE 30 JUL	358.71	LE 24 JAN	1977
1978	---	360.24	LE 02 JUN	358.91	LE 31 DEC	1978
1979	---	360.86	LE 14 NOV	358.83	LE 08 JAN	1979
1980	---	360.60	LE 10 DEC	359.23	LE 28 MAR	1980
1981	---	360.97	LE 16 MAI	359.00	LE 27 DEC	1981
1982	---	359.67	LE 17 JUL	358.30	LE 21 DEC	1982
1983	---	---		---		1983
1984	---	360.28	LE 18 DEC	357.84	LE 23 JAN	1984
1985	---	360.78	LE 28 AOU	358.62	LE 31 DEC	1985
1986	---	---		---		1986
1987	---	358.82	LE 01 JAN	357.66	LE 19 OCT	1987
1988	---	---		---		1988
1989	---	---		---		1989
1990	---	---		---		1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

HART JAUNE (RIVIERE) AU RESERVOIR PETIT MANICOUAGAN - STATION NO. 02TB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	202.84	202.09	201.23	200.21	200.02	203.22	203.63	203.54	203.55	203.72	203.54	203.02	202.55	1965
1966	202.27	201.45	200.56	199.73	199.59	203.21	203.66	203.52	203.55	203.73	203.77	203.58	202.39	1966
1967	203.09	202.36	201.46	200.51	200.13	202.82R	203.52	203.05	202.73	203.53	203.71	203.48	202.53R	1967
1968	202.93	202.10	201.23	200.37	201.47	203.34	203.65	203.70	203.60	203.63	203.72	203.23	202.75	1968
1969	202.56	201.79	200.95	200.03	200.02	203.12	203.32	203.41	203.77	203.80	203.80	203.67	202.52	1969
1970	203.14	202.40	201.56	200.70	200.88	203.42	203.48	203.71	203.66	203.51	203.30	202.70R	202.71R	1970
1971	201.80	200.80	199.71R	198.58	200.03	202.61	203.13	203.58	203.77	203.86	203.81	203.28	202.09R	1971
1972	202.52	201.54R	200.39	199.24R	198.55	202.30	203.49	203.40	203.69	203.89	203.63	202.98R	202.14R	1972
1973	202.05	201.08	200.04	198.89	199.94	203.59	203.63	203.58	203.39	203.22	203.29	202.90	202.14	1973
1974	202.21	201.31	200.29	199.13	198.56	202.77	203.54	203.58	203.53	203.41	203.06	202.44	201.99	1974
1975	201.66	200.59	199.26	198.01	198.37	202.30	203.54	203.60	203.55	203.61	203.27	202.69R	201.71R	1975
1976	201.84	200.93	199.81	199.11	200.31	203.62	203.52	203.61	203.70	203.73	203.72	203.18	202.26	1976
1977	202.49	201.77	200.94	199.40	199.41	203.19	203.10	203.60	203.64	203.39	203.22	203.12	202.28	1977
1978	202.63	201.68	200.55	199.33	199.62R	203.18	203.07	203.22	203.54	203.52	203.05	202.56	202.16R	1978
1979	202.02	201.18	199.98	199.12	201.62	203.59	203.51	203.43	203.48	203.43	203.49	202.90	202.32	1979
1980	202.29	201.17	199.90	198.87	200.28	203.13	203.36	203.41	203.27	203.56	203.45	202.96	202.14	1980
1981	202.17	200.90R	199.53	198.43R	198.52	203.11	203.59	203.64	203.29	203.47	203.35	202.91	201.92R	1981
1982	202.14	201.17R	200.06	198.88	199.23R	202.13	203.42	203.48	203.60	203.52	203.41	203.30	202.04R	1982
1983	202.96R	202.45	201.73R	201.09R	202.68	203.37	203.58	203.62	203.65	203.62	203.51	203.21	202.96R	1983
1984	202.30	201.40R	200.44R	199.47	200.43	202.98	203.48	203.46	203.42	---	---	---	---	1984
MOYEN	202.40	201.51	200.48	199.46	199.98	203.05	203.46	203.51	203.52	203.59	203.48	203.06	202.29	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 51 50 00
LONG 067 48 30

BASSIN VERSANT, 4 580 km²
REGULARISE

DONNEES FOURNIES PAR -
QUEBEC CARTIER MINING COMPANY

R - REVISEE DEPUIS JAN 01 1988

HART JAUNE (RIVIERE) AU RESERVOIR PETIT MANICOUAGAN - STATION NO. 02TB001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	203.80 LE 27 OCT	199.43 LE 11 MAI	1965
1966	---	204.22 LE 18 JUL *	199.16 LE 13 MAI	1966
1967	---	203.85 LE 31 JUL	199.89 LE 09 MAI	1967
1968	---	203.87 LE 31 OCT	200.12 LE 22 AVR	1968
1969	---	203.96 LE 23 NOV	199.39 LE 09 MAI	1969
1970	---	203.80 LE 07 SEP	200.33 LE 29 AVR	1970
1971	---	203.94 LE 04 OCT	198.24 LE 30 AVR	1971
1972	---	203.94 LE 10 OCT	198.18 LE 15 MAI	1972
1973	---	203.82 LE 11 JUN	198.30 LE 01 MAI	1973
1974	---	203.82 LE 29 JUN	198.24 LE 14 MAI	1974
1975	---	203.70 LE 28 SEP	197.42 LE 07 MAI *	1975
1976	---	203.94 LE 13 SEP	198.85 LE 05 MAI	1976
1977	---	203.97 LE 02 SEP	198.46 LE 30 AVR	1977
1978	---	203.79 LE 19 JUN	198.46 LE 09 MAI	1978
1979	---	203.79 LE 08 NOV	198.85 LE 27 AVR	1979
1980	---	203.67 LE 22 OCT	198.42 LE 30 AVR	1980
1981	---	204.03 LE 06 AOU	197.42 LE 05 MAI	1981
1982	---	203.67 LE 16 SEP	198.36 LE 30 AVR	1982
1983	---	203.76 LE 28 AOU	200.86 LE 19 AVR	1983
1984	---	---	---	1984

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ILES (LAC DES) - STATION NO. 02LE020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	---	---	---	---	---	---	24.80	24.86	24.91	---	---	1962
1963	24.98	24.94	24.88	25.03	24.93	24.84	24.73	24.67	24.82	24.94	25.02	---	---	1963
1964	24.96	25.01	25.00	25.11	25.02	24.88	24.81	24.70	24.61	24.48	24.43	24.50	24.79	1964
1965	24.74	---	24.76	24.92	25.08	24.95	24.86	24.92	25.06	25.11	25.01	---	---	1965
1966	24.99	24.85	24.80	---	---	---	---	---	---	---	---	---	---	1966
MOYEN	24.92	24.93	24.86	25.02	25.01	24.89	24.80	24.76	24.82	24.85	24.84	24.50	24.79	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 182.88 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 29 16
LONG 075 32 35

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ILES (LAC DES) - STATION NO. 02LE020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	25.29 LE 19 AVR *	24.41 LE 11 NOV *	1964
1965	---	---	---	1965
1966	---	---	---	1966

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 182.88 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ILES (LAC DES) - STATION NO. 02LE022

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	---	---	---	---	---	---	207.64	207.72	207.77	207.82	---	1962
1963	207.85	207.85	---	207.81	---	207.71	---	207.53	207.67	207.79	207.87	---	---	1963
1964	207.80	207.85	207.85	207.94	207.88	207.75	207.69	207.60	207.53	207.43	207.39	207.47	207.68	1964
1965	207.68	207.70	207.68	207.83	207.97	207.80	207.71	207.76	207.92	207.98	207.90	207.78	207.81	1965
1966	207.88	207.74	207.69	207.90	207.88	207.90	207.69	207.67	207.58	207.40	207.48	207.83	207.72	1966
1967	207.92	207.86	207.77	208.12	207.88	207.85	207.75	207.54	207.50	207.80	207.90	207.81	207.81	1967
1968	207.78	207.77	207.82	208.00	207.75	207.80	207.84	207.74	207.60	207.40	207.31	207.34	207.68	1968
1969	207.38	207.43	207.42	207.69	207.81	207.78	207.80	207.80	207.70	207.66	207.79	207.74	207.67	1969
1970	207.61	207.53	207.51	207.75	208.04	207.90	207.89	207.73	207.65	207.72	207.87	207.94	207.76	1970
1971	207.82	207.72	207.72	207.83	208.05	207.76	207.76	207.79	207.86	207.86	207.80	207.81	207.82	1971
1972	207.85	---	---	---	---	208.08	208.01	207.88	207.89	207.88	208.18	208.14	---	1972
1973	207.74	207.96	208.12	208.15	208.08	208.02	207.96	207.94	207.94	207.95	208.09	207.97	207.99	1973
1974	207.72	207.76	207.95	208.12	208.16	208.10	208.07	208.03	207.72	207.73	207.82	207.74	207.91	1974
1975	207.67	207.68	207.68	207.68	207.68	207.64	207.50	207.50	207.52	207.63	207.94	208.19	207.69	1975
1976	---	207.91	207.68	208.13	208.11	207.92	207.89	207.81	207.85	207.96	208.10	207.99	---	1976
1977	208.04	208.15	208.00	208.45	208.04	208.00	207.94	207.92	207.98	207.83	207.95	207.98	208.02	1977
1978	207.87	207.77	207.69	207.83	207.96	207.89	207.84	207.79	207.67	207.63	207.60	---	---	1978
1979	---	---	---	208.05	207.86	207.72	207.67	207.73	207.80	207.88	---	---	---	1979
1980	---	207.67	207.64	207.96	207.75	207.64	207.69	207.72	207.68	207.88	207.90	207.86	---	1980
1981	---	207.95	207.94	208.02	207.82	207.80	207.65	207.64	207.65	207.66	207.74	207.80	---	1981
1982	---	207.77	207.76	207.87	207.83	207.69	207.63	207.52	207.53	---	207.67	207.95	---	1982
1983	---	---	---	207.91	---	---	---	---	207.63	207.67	207.77	207.66	---	1983
1984	207.48	207.42	207.50	207.92	207.75	207.70	207.74	207.71	207.70	207.63R	207.78R	207.65R	207.67R	1984
1985	207.56	207.62	207.64	207.82	207.85	207.70	207.69	207.61	207.60	207.59R	207.65R	207.73R	207.77R	1985
1986	207.62	207.73	207.79	207.93	207.79	207.70	207.57	207.62	207.59	207.67R	207.60R	207.70R	207.69R	1986
1987	207.66	207.62	207.60	207.84	207.74	207.66	207.68	207.56	207.60	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	207.74	207.77	207.64	---	1988
1989	207.80	207.85	207.67	207.78	207.71	207.67	207.69	207.68	207.72	207.68	207.82	207.66	207.73	1989
1990	207.71	207.66	207.58	207.74	207.67	207.68	207.69	207.62	207.59	---	---	---	---	1990
MOYEN	207.74	207.75	207.73	207.93	207.88	207.80	207.76	207.71	207.69	207.72	207.79	207.80	207.77	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 24 32
LONG 075 32 05

BASSIN VERSANT, 144 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

ILES (LAC DES) - STATION NO. 02LE022

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	208.10 LE 19 AVR	207.38 LE 11 NOV	1964
1965	---	208.14 LE 24 SEP	207.63 LE 06 AVR	1965
1966	---	208.02 LE 25 AVR	207.32 LE 31 OCT	1966
1967	---	208.30 LE 22 AVR	207.47 LE 18 SEP	1967
1968	---	208.06 LE 10 AVR	207.29 LE 18 NOV *	1968
1969	---	207.88 LE 23 AVR	207.35 LE 01 JAN	1969
1970	---	208.18 LE 04 MAI	207.48 LE 05 MAR	1970
1971	---	208.21 LE 04 MAI	207.70 LE 10 AVR	1971
1972	---	---	---	1972
1973	---	208.20 LE 30 MAR	207.67 LE 22 JAN	1973
1974	---	208.24 LE 27 AVR	207.66 LE 28 JAN	1974
1975	---	208.29 LE 06 DEC	207.45 LE 07 SEP	1975
1976	---	---	---	1976
1977	---	208.59 LE 15 AVR *	207.75 LE 01 OCT	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	208.17 LE 20 AVR	207.37 LE 10 FEV	1984
1985	---	208.25 LE 27 AVR	207.51 LE 31 MAR	1985
1986	---	208.07 LE 10 AVR	207.54 LE 09 SEP	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	207.94 LE 18 NOV	207.54 LE 27 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ILES (LAC DES) A ENTRELACS - STATION NO. 02OB020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	---	29.00	29.03	28.94	28.90	28.88	28.89	28.94	---	1967
1968	26.80	26.78	26.79	26.99	26.91	26.87	26.85	26.77	26.81	26.74	26.78	26.90	26.83	1968
1969	26.88	26.79	26.74	26.93	26.96	26.91	26.92	26.89	26.80	26.74	---	26.89	---	1969
1970	---	---	26.77	26.86	27.05	26.96	---	26.93	26.88	---	26.82	26.84	---	1970
1971	26.71	26.71	26.72	26.66	26.96	26.87	26.82	26.83	26.83	26.73	26.76	26.84	26.79	1971
MOYEN	26.80	26.76	26.76	26.86	26.97	27.32	27.41	27.27	27.24	27.27	27.31	27.28	26.81	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 05 32
LONG 074 02 01

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ILES (LAC DES) A ENTRELACS - STATION NO. 02OB020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	---	1967
1968	---	27.08 LE 15 AVR *	26.72 LE 19 OCT	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	27.02 LE 11 MAI	26.58 LE 12 AVR *	1971

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ILES (LAC DES) AU PONT - STATION NO. 02LE023

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	---	---	---	---	---	---	24.78	24.85	24.91	24.94	---	1962
1963	24.97	24.97	---	24.88	---	24.82	---	24.64	24.78	---	24.97	---	---	1963
1964	24.91	24.97	24.98	24.91	24.97	24.86	24.80	24.70	24.64	24.53	24.49	24.55	24.77	1964
1965	24.78	24.80	24.79	24.74	24.69	24.61	24.53	24.58	24.70	24.65	24.64	24.55	24.67	1965
1966	24.69	24.50	24.46	24.57	24.63	---	---	---	---	---	---	---	---	1966
MOYEN	24.84	24.81	24.74	24.77	24.76	24.76	24.67	24.64	24.73	24.68	24.75	24.68	24.72	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 182.88 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 24 19
LONG 075 31 49 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ILES (LAC DES) AU PONT - STATION NO. 02LE023

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	25.06 LE 15 AVR *	24.47 LE 13 NOV	1964
1965	---	24.95 LE 15 AVR	24.46 LE 19 OCT *	1965
1966	---	---	---	1966

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 182.88 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

JACK (LAC A) - STATION NO. 02PF003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	---	---	33.77	33.40	---	33.59	33.43	33.21	---	1967
1968	---	---	---	33.32	33.86	33.71	33.80	33.07	32.82	33.30	---	33.34	---	1968
1969	---	33.28	---	---	33.66	---	35.01	---	---	---	---	33.42	---	1969
1970	33.37	33.39	33.38	33.40	33.73	33.58	33.44	33.69	34.19	34.76	33.43	33.43	33.65	1970
1971	33.40	33.38	33.39	33.41	34.06	34.94	35.02	35.03	35.07	34.32	33.59	33.49	34.09	1971
1972	33.47	33.45	---	33.45	33.81	35.00	35.07	34.94	34.73	34.15	33.58	33.51	---	1972
1973	33.46	33.46	---	33.55	---	---	---	---	---	34.50	33.81	---	---	1973
1974	---	---	33.49	33.49	---	35.05	35.21	35.25	35.14	34.45	---	33.67	---	1974
1975	33.55	33.48	---	---	---	---	34.71	34.64	34.50	34.70	34.05	33.71	---	1975
1976	33.64	33.63	33.65	33.78	34.51	35.03	34.96	34.94	34.68	34.17	33.97	33.78	34.22	1976
1977	---	33.73	33.73	33.78	34.23	34.91	34.77	34.50	33.57	33.62	33.52	---	---	1977
1978	---	33.45	---	33.43	33.94	34.87	34.83	34.82	34.61	33.95	33.61	33.52	---	1978
1979	33.48	33.41	33.41	33.58	34.27	34.79	---	34.61	34.73	34.34	33.55	33.54	---	1979
1980	33.47	33.41	33.41	33.47	34.19	34.70	34.82	34.71	34.74	34.50	---	33.79	---	1980
1981	33.72	33.78	33.61	34.04	34.34	34.50	34.56	34.62	34.20	33.87	33.39	33.28	34.01	1981
1982	33.21	33.18	33.19	33.23	33.77	34.08	34.60	---	---	---	---	---	---	1982
MOYEN	33.48	33.46	33.50	33.53	34.03	34.60	34.61	34.48	34.42	34.16	33.62	33.51	33.99	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 36 25
LONG 070 59 28

BASSIN VERSANT, 61.6 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	35.08 LE 07 OCT	33.23 LE 29 JUN *	1970
1971	---	35.14 LE 26 AOU	33.36 LE 13 FEV	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	35.23 LE 21 MAI *	33.62 LE 25 JAN	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	34.85 LE 28 JUN	33.23 LE 30 DEC	1981
1982	---	---	---	1982

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

JACQUES-CARTIER (RIVIERE) AU RESERVOIR JACQUES-CARTIER - STATION NO. 02PC004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	34.98	34.04	32.90	32.07	33.03	34.70	34.75	34.81	34.70	34.77	34.87	34.94	34.22	1966
1967	35.02	34.61	33.24	31.55	32.03	34.37	34.77	34.51	34.22	34.52	34.89	34.97	34.06	1967
1968	34.98	34.81	33.40	32.64	34.60	34.22	33.71	33.97	34.01	33.99	34.12	34.41	34.07	1968
1969	34.63	34.76	33.91	32.20	33.07	34.62	34.38	34.56	34.56	34.58	34.79	34.88	34.24	1969
1970	34.86	34.68	34.46	32.93	33.21	34.49	34.69	33.26	33.27	34.63	34.75	34.88	34.18	1970
1971	34.82	34.07	32.64	31.41	32.70	34.38	34.58	34.68	33.97	34.17	34.76	34.97	33.93	1971
1972	34.99	34.47	33.02	31.52	32.03	34.03	34.50	34.22	34.38	34.49	34.22	34.57	33.87	1972
1973	34.65	34.43	33.03	31.80	33.70	34.82	34.77	34.50	34.84	34.72	34.71	34.87	34.24	1973
1974	34.81	34.31	32.61	31.64	32.49	34.46	34.84	34.80	34.45	34.82	34.76	34.84	34.07	1974
1975	34.81	33.93	32.73	31.54	32.64	34.51	34.23	34.71	34.68	34.81	34.76	34.86	34.02	1975
1976	34.52	33.43	32.14	31.73	33.45	34.68	34.82	34.63	34.40	34.61	34.82	35.02	34.03	1976
1977	34.81	33.75	32.39	31.66	33.61	34.56	34.47	34.47	34.55	34.63	34.91	34.86	34.06	1977
1978	34.70	34.17	32.68	31.45	32.60	33.65	33.73	34.07	34.14	34.61	35.00	35.05	33.82	1978
1979	34.70	33.84	32.46	31.69	33.95	34.37	34.20	33.93	33.76	33.73	34.40	35.00	33.84	1979
1980	34.90	33.94	32.10	32.01	33.70	34.47	34.68	34.42	34.58	34.75	34.92	34.90	34.12	1980
1981	34.74	34.09	33.72	33.70	34.05	34.68	34.68	34.70	34.60	34.58	34.96	34.87	34.45	1981
1982	34.63	33.48	---	---	33.61	34.56	34.66	34.21	34.64	34.74	34.96	34.97	---	1982
1983	35.00	---	---	---	34.64	34.65	34.40	34.31	---	---	---	---	---	1983
1984	34.75	---	---	31.54	33.37	34.35	34.56R	34.64R	34.37R	34.35R	34.71R	34.97R	---	1984
1985	34.71	33.17	31.48	31.34	33.70	34.04	34.58	34.59	33.58	34.41R	34.71R	34.91R	33.78R	1985
1986	34.70	34.81	32.39	32.16	33.99	34.51	34.71	34.55	34.50	34.48R	34.79R	34.92R	34.21R	1986
1987	34.24	32.36	31.43	32.84	33.79	34.53	34.73	34.31	33.92	---	---	---	---	1987
MOYEN	34.77	34.06	32.78	31.97	33.36	34.44	34.52	34.40	34.29	34.52	34.74	34.88	34.07	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 32 10 LONG 071 13 27 BASSIN VERSANT, 198 km² REGULARISE DONNEES FOURNIES PAR - DOMTAR PULP AND PAPER COMPANY R - REVISEE DEPUIS JAN 01 1988

JACQUES-CARTIER (RIVIERE) AU RESERVOIR JACQUES-CARTIER - STATION NO. 02PC004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	35.08 LE 01 JAN	31.91 LE 12 AVR	1966
1967	---	35.08 LE 01 JAN	31.24 LE 20 AVR	1967
1968	---	34.99 LE 01 JAN	32.00 LE 15 AVR	1968
1969	---	34.96 LE 13 NOV	31.58 LE 28 AVR	1969
1970	---	34.93 LE 01 JAN	31.94 LE 30 AVR	1970
1971	---	35.05 LE 25 AOU	31.15 LE 30 AVR	1971
1972	---	34.99 LE 01 JAN	30.91 LE 05 MAI	1972
1973	---	34.99 LE 08 JUL	31.52 LE 22 AVR	1973
1974	---	35.05 LE 04 AOU	31.36 LE 26 AVR	1974
1975	---	34.99 LE 28 JUN	31.12 LE 04 MAI	1975
1976	---	35.08 LE 16 AOU	31.42 LE 16 AVR	1976
1977	---	35.05 LE 01 JAN	31.39 LE 13 AVR	1977
1978	---	35.05 LE 18 NOV	31.24 LE 03 MAI	1978
1979	---	35.05 LE 12 DEC	30.82 LE 03 MAR *	1979
1980	---	35.66 LE 12 FEV	31.46 LE 03 AVR	1980
1981	---	34.99 LE 16 NOV	32.92 LE 04 MAI	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	35.05 LE 21 MAI	31.09 LE 04 AVR	1985
1986	---	57.91 LE 27 FEV *	31.70 LE 1[illegible] AVR	1986
1987	---	---	---	1987

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

JIM (LAC A) - STATION NO. 02RE006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	---	---	---	---	---	---	30.96	---	1965
1966	30.67	30.72	30.74	31.24	---	---	---	---	---	31.97	32.04	32.22	---	1966
1967	---	---	---	---	---	32.61	---	---	---	---	31.62	---	---	1967
1968	---	---	---	31.64	32.37	---	32.37	32.49	32.09	32.07	31.32	---	---	1968
1969	---	30.88	30.86	---	32.46	32.43	---	---	32.61	31.98	---	---	---	1969
1970	---	---	---	---	---	32.29	32.47	32.25	32.48	32.12	31.36	30.86	---	1970
1971	30.76	---	30.68	30.86	32.27	32.21	---	---	---	---	---	---	---	1971
1972	30.93	30.93	30.84	---	32.20	---	---	---	---	---	31.32	31.06	---	1972
1973	31.09	31.10	30.95	31.53	32.91	32.73	32.40	32.79	32.59	32.36	31.47	31.11	31.92	1973
1974	31.01	30.84	30.90	31.05	---	---	---	---	32.26	32.31	31.81	31.11	---	1974
1975	---	---	---	---	---	32.60	---	---	---	---	---	---	---	1975
1976	---	---	---	31.60	32.80	---	---	---	---	32.46	31.16	30.83	---	1976
1977	30.74	30.66	30.74	31.33	32.63	32.50	32.35	32.19	32.30	31.81	31.26	---	---	1977
1978	---	30.66	30.64	30.86	32.69	32.82	32.72	32.40	32.50	32.49	31.35	30.95	---	1978
1979	---	30.74	30.77	---	---	31.41	---	30.97	31.00	31.74	30.94	30.78	---	1979
1980	30.52	30.44	30.37	31.03	31.39	30.70	31.04	31.06	30.68	31.16	30.76	30.52	30.81	1980
1981	30.47	30.51	30.68	31.23	31.80	31.00	30.68	30.28	30.33	30.59	30.60	30.37	30.71	1981
1982	30.37	30.39	30.32	30.54	31.91	---	---	---	---	---	---	---	---	1982
MOYEN	30.73	30.72	30.71	31.17	32.31	32.12	32.00	31.80	31.88	31.92	31.31	30.97	31.15	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 59 00
LONG 072 44 32

BASSIN VERSANT, 1 190 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

JIM (LAC A) - STATION NO. 02RE006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	33.33 LE 06 MAI *	30.86 LE 01 JAN	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	32.14 LE 03 MAI	30.33 LE 08 AVR	1980
1981	---	32.56 LE 18 MAI	30.06 LE 02 SEP *	1981
1982	---	---	---	1982

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

KIAMIKA (RIVIERE) AU BARRAGE KIAMIKA - STATION NO. 02LE017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1954	---	---	---	261.96	265.59	265.95	265.89	266.27	266.63	267.74	268.50	269.17	---	1954
1955	268.17	266.59	266.05	266.78	269.57	269.81	269.78	269.35	268.67	266.80	265.22	262.64	267.46	1955
1956	260.64	259.45	258.98	260.18	263.62	264.92	264.14	264.65	265.85	266.78	267.27	267.78	263.70	1956
1957	267.89	267.27	266.33	266.69	268.39	268.96	269.89	269.81	269.90	269.88	269.92	269.91	268.75	1957
1958	269.86	269.80	269.72	268.67	269.84	269.20	269.66	269.83	269.80	269.94	269.89	269.84	269.65	1958
1959	269.68	268.17	266.56	266.01	268.12	268.99	269.49	269.81	269.94	269.60	269.97	269.88	268.86	1959
1960	269.34	267.69	266.45	267.14	269.76	269.21	269.23	269.42	269.51	269.50	269.63	269.68	268.89	1960
1961	268.45	267.10	265.89	265.79	268.31	269.30	269.84	269.87	269.85	269.78	269.76	269.83	268.66	1961
1962	269.36	268.35	267.30	266.97	269.22	268.54	267.93	267.96	268.07	267.96	266.76	265.67	267.84	1962
1963	264.32	261.99	260.27	261.43	264.99	265.56	265.81	265.79	266.36	266.85	266.93	267.13	264.81	1963
1964	266.55	266.15	265.17	265.10	267.16	268.11	268.26	268.59	268.93	268.90	268.74	267.28	267.42	1964
1965	265.87	264.85	264.96	264.44	266.28	267.52	267.74	268.19	269.09	269.93	269.90	269.82	267.40	1965
1966	269.71	268.89	267.67	267.62	269.47	269.83	269.82	269.86	269.78	269.78	269.71	269.33	269.29	1966
1967	268.54	267.71	266.82	266.62	269.20	269.88	269.92	269.80	269.10	269.47	269.90	269.88	268.92	1967
1968	269.32	268.37	266.91	267.04	269.78	269.87	269.87	269.80	269.81	269.82	269.58	268.29	269.11	1968
1969	266.34	264.37	262.03	262.39	265.30	266.65	267.23	267.80	268.07	268.44	269.00	267.85	266.30	1969
1970	265.21	263.42	263.74	263.18	266.89	268.61	269.19	269.77	269.85	269.90	269.91	269.61	267.47	1970
1971	267.92	266.34	264.78	264.67	267.59	269.13	269.48	269.66	269.83	269.51	268.13	266.51	267.81	1971
1972	264.20	262.02	260.69	261.28	265.17	267.85	269.57	269.66	269.66	269.84	269.98	269.56	266.64	1972
1973	---	---	---	268.05	269.81	270.00	269.94	269.97	269.87	269.89	269.85	269.67	---	1973
1974	---	268.51	---	---	269.97	270.14	269.96	269.81	269.43	268.48	268.77	269.15	---	1974
1975	---	---	---	---	267.06	268.16	268.39	268.12	267.95	268.31	268.47	268.12	---	1975
1976	267.54	---	---	267.68	269.92	269.96	269.97	269.88	269.85	269.81	269.23	---	---	1976
1977	---	---	---	264.48	267.33	267.76	267.64	---	267.78	267.47	---	---	---	1977
1978	266.08	265.55	264.50	263.95	266.71	267.62	267.68	267.71	267.61	266.60	265.53	264.28	266.16	1978
1979	262.81	---	---	263.10	---	---	---	267.36	266.98	267.23	267.85	268.51	---	1979
1980	---	266.95	265.50	266.17	267.50	267.89	---	---	---	267.32	268.59	269.00	---	1980
1981	268.18	266.94	267.65	269.53	269.95	269.92	269.78	269.09	268.13	266.80	266.44	265.95	268.20	1981
1982	264.49	262.79	262.57	263.59	266.71	267.29	267.43	266.78	266.34	266.40	266.29	---	---	1982
1983	---	267.38	266.65	267.10	269.60	269.94	269.76	268.81	267.45	266.91	266.14	265.39	---	1983
1984	264.49	263.52	263.70	265.08	267.15	268.29	268.95	269.68	---	---	268.08R	267.50R	---	1984
1985	---	---	---	264.43	267.59	268.22	268.65	268.72	268.18	267.27R	266.63R	266.13R	---	1985
1986	265.41	264.68	263.85	265.54	267.70	268.89	269.25	268.67	268.24	268.03R	267.91R	267.19R	267.13R	1986
1987	266.09	264.83	263.59	265.17	265.97	266.51	267.42	268.13	268.46	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	269.41	269.99	269.42	---	1988
1989	268.20	266.80	265.24	265.62	268.06	269.29	269.61	269.05	267.90	267.42	268.22	268.79	267.86	1989
1990	268.30	267.28	266.10	266.24	268.43	269.01	269.36	269.42	268.96	---	---	---	---	1990
MOYEN	266.89	265.99	264.97	265.31	267.82	268.48	268.72	268.74	268.59	268.46	268.43	268.09	267.65	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 38 00
LONG 075 08 00

BASSIN VERSANT, 704 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

KIAMIKA (RIVIERE) AU BARRAGE KIAMIKA - STATION NO. 02LE017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1954	---	---	---	1954
1955	---	269.85 LE 22 JUN	257.39 LE 28 AOU *	1955
1956	---	267.91 LE 28 DEC	258.78 LE 01 AVR	1956
1957	---	270.01 LE 12 JUL	266.12 LE 19 MAR	1957
1958	---	270.81 LE 03 JUL *	268.13 LE 09 AVR	1958
1959	---	270.06 LE 05 SEP	260.75 LE 05 OCT	1959
1960	---	270.00 LE 17 MAI	266.13 LE 31 MAR	1960
1961	---	270.01 LE 22 JUL	265.27 LE 04 AVR	1961
1962	---	269.69 LE 01 JAN	265.23 LE 31 DEC	1962
1963	---	267.21 LE 04 DEC	259.72 LE 01 AVR	1963
1964	---	270.44 LE 11 FEV	264.31 LE 11 AVR	1964
1965	---	269.98 LE 16 OCT	263.90 LE 13 AVR	1965
1966	---	269.94 LE 15 AOU	267.11 LE 26 MAR	1966
1967	---	270.01 LE 05 NOV	265.96 LE 07 AVR	1967
1968	---	269.91 LE 13 JUN	266.18 LE 29 MAR	1968
1969	---	269.22 LE 18 NOV	261.25 LE 27 MAR	1969
1970	---	269.96 LE 23 NOV	262.65 LE 15 AVR	1970
1971	---	269.92 LE 27 SEP	264.32 LE 13 AVR	1971
1972	---	270.10 LE 24 JUL	260.44 LE 14 MAR	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	267.79 LE 29 JUN	263.43 LE 11 AVR	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	270.15 LE 18 MAI	265.42 LE 31 DEC	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	269.38 LE 15 JUL	263.48 LE 30 MAR	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	269.67 LE 06 JUL	264.61 LE 28 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

KIPAWA (LAC) A LANIEL - STATION NO. 02JE017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1987	---	67.672	67.669	68.043	69.114	69.590	69.596	69.594	69.495	69.390	69.399	69.241	---	1987
1988	68.563	67.904	67.858	68.126	69.069	69.617	69.714	69.667	69.608	69.582	69.436	69.472	69.056	1988
1989	68.892	67.944	67.671	67.878	68.821	69.499	69.613	69.587	69.528	69.429	69.492	69.311	68.979	1989
1990	68.622	68.042	67.710	67.693	69.017	69.614	69.582	69.547	69.496	69.527	69.422	69.397	68.979	1990
MOYEN	68.692	117.890	117.727	117.935	119.005	119.580	119.626	119.599	119.532	119.482	119.437	119.355	69.005	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 200.000 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 47 02 30
LONG 079 16 12 REGULARISE

REMAQUES - AUTROFOIS LE NOM ETE "AU BARRAGE DE KIPAWA". CEDEE A WRB-ONT REG DU DPW-QUE JAN 1987

KIPAWA (LAC) A LANIEL - STATION NO. 02JE017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1987	269.668 LE 08 JUN A 03:34 HNE *	269.627 LE 07 JUN *	267.604 LE 19 FEV	1987
1988	69.799 LE 14 AOU A 17:59 HNE	69.786 LE 14 AOU	67.705E LE 01 MAR	1988
1989	69.684 LE 16 JUL A 16:00 HNE	69.667 LE 16 JUL	67.647 LE 02 MAR	1989
1990	69.689 LE 20 JUN A 03:30 HNE	69.685 LE 20 JUN	67.583 LE 29 MAR *	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 200.00 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

KIPAWA (LAC) AU BARRAGE DE KIPAWA - STATION NO. 02JE005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	269.05	268.55	267.97	267.65	269.01	269.56	269.63	269.75	269.58	269.56	269.64	269.16	269.10	1972
1973	268.54	268.07	267.87	268.34	269.40	269.68	269.68	269.77	269.76	269.68	269.50	268.81	269.10	1973
1974	268.42	268.17	267.87	267.77	269.42	269.75	269.60	269.61	269.41	269.37	269.52	269.17	269.01	1974
1975	268.60	268.09	267.53	267.67	269.05	269.55	269.48	269.51	269.35	269.27	269.32	269.29	268.90	1975
1976	268.84	268.46	267.87	268.09	269.39	269.71	269.69	269.56	269.46	269.35	269.22	268.94	269.05	1976
1977	268.68	268.23	267.74	267.87	269.25	269.71	269.70	269.75	269.74	269.77	269.61	269.22	269.11	1977
1978	268.72	268.26	267.85	267.64	268.81	269.61	269.65	269.68	269.59	269.69	269.38	269.02	269.00	1978
1979	268.76	268.35	267.86	267.92	269.69	269.60	269.66	269.71	269.69	269.63	269.64	269.50	269.17	1979
1980	268.91	268.26	267.77	268.44	269.55	269.61	269.68	269.62	269.72	269.68	269.29	268.85	269.12	1980
1981	268.33	267.91	267.92	269.08	269.60	269.65	269.66	269.59	269.60	269.67	269.33	268.69	269.09	1981
1982	268.18	267.79	267.58	267.72	269.00	269.74	269.68	269.45	269.55	269.67	269.51	269.23	268.93	1982
1983	268.98	268.26	267.68	268.06	269.42	269.61	269.67	269.61	269.57	269.68	269.37	269.00	269.08	1983
1984	268.70	268.34	267.77	268.02	269.44	269.59	269.60	269.63	269.60	269.70	269.65	269.26	269.11	1984
1985	268.73	268.13	267.76	268.10	269.58	269.55	269.60	269.59	269.56	269.50	269.40	269.08	269.05	1985
1986	268.44	268.01	267.74	268.07	269.16	269.61	269.62	269.62	269.56	269.61	269.39R	268.79R	268.97R	1986
1987	268.03	267.68	267.67	268.03	269.11	269.60	269.61	269.62	269.53	269.43	269.43	269.28	268.93	1987
1988	---	---	---	---	---	---	---	269.58	269.61	269.58	269.43	269.47	---	1988
1989	268.89	267.93	---	---	---	---	---	---	---	269.42	269.49	269.32	---	1989
1990	268.63	---	267.71	267.69	269.02	269.61	269.58	269.54	269.49	---	---	---	---	1990
MOYEN	268.63	268.15	267.77	268.01	269.29	269.63	269.63	269.62	269.58	269.57	269.45	269.12	269.05	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 46 55 BASSIN VERSANT, 5 960 km²
LONG 070 59 08 REGULARISE

LONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 01 1988

KIPAWA (LAC) AU BARRAGE DE KIPAWA - STATION NO. 02JE005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	269.84 LE 25 AOU	267.59 LE 16 AVR	1972
1973	---	269.85 LE 25 JUN	267.81 LE 29 MAR	1973
1974	---	269.92 LE 04 JUN	267.58 LE 10 AVR	1974
1975	---	269.77 LE 30 MAI	267.42 LE 14 MAR *	1975
1976	---	269.77 LE 15 JUN	267.72 LE 24 MAR	1976
1977	---	269.81 LE 26 OCT	267.54 LE 27 MAR	1977
1978	---	269.78 LE 04 OCT	267.59 LE 18 AVR	1978
1979	---	269.94 LE 21 MAI *	267.65 LE 12 AVR	1979
1980	---	269.85 LE 08 OCT	267.68 LE 20 MAR	1980
1981	---	269.76 LE 22 OCT	267.82 LE 22 FEV	1981
1982	---	269.77 LE 05 JUN	267.54 LE 30 MAR	1982
1983	---	269.76 LE 13 JUL	267.59 LE 17 MAR	1983
1984	---	269.78 LE 20 OCT	267.58 LE 29 MAR	1984
1985	---	269.78 LE 19 MAI	267.65 LE 26 MAR	1985
1986	---	269.71 LE 07 AOU	267.68 LE 24 MAR	1986
1987	---	269.65 LE 08 JUN	267.60 LE 18 FEV	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

L'ASSOMPTION (RIVIERE) A CHARLEMAGNE - STATION NO. 020B004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1917	---	---	---	---	6.91	6.84	6.31	5.90	5.40	5.42	5.58	7.21	---	1917
1918	7.64	7.28	7.03	8.25	6.72	6.10	5.93	5.32	5.41	5.82	6.29	8.06	6.55	1918
1919	8.47	8.04	8.33	---	7.88	7.01	5.83	5.42	5.35	5.55	5.88	6.85	---	1919
1920	7.58	7.25	7.81	7.66	6.45	5.66	5.37	5.13	5.01	4.95	5.04	5.79	6.14	1920
1921	8.08	7.49	8.04	6.93	6.57	5.58	5.20	5.01	4.81	4.95	5.05	5.86	6.13	1921
1922	7.22	7.12	7.32	7.87	7.04	6.08	5.67	---	5.07	5.24	5.14	6.60	---	1922
1923	6.96	6.58	6.54	7.83	7.55	6.46	5.67	5.33	5.29	4.79	4.86	5.21	6.09	1923
1924	7.79	7.36	7.63	7.97	7.56	6.41	5.55	5.27	5.23	5.42	5.05	6.31	6.46	1924
1925	6.54	7.03	7.98	7.30	---	5.99	5.50	5.19	4.84	4.89	5.18	5.81	---	1925
1926	7.44	6.74	6.57	7.64	7.03	6.25	5.64	5.17	4.92	4.99	5.13	7.26	6.28	1926
1927	7.77	7.34	8.16	6.46	6.11	6.06	5.80	5.53	5.07	5.10	6.12	6.25	6.31	1927
1928	8.51	8.51	8.34	9.19	8.15	6.94	6.12	5.77	5.62	6.16	6.28	5.79	7.11	1928
1929	8.03	8.32	8.77	8.08	8.06	6.74	6.20	5.67	5.45	5.36	5.46	7.05	6.93	1929
1930	7.94	7.35	7.49	7.08	6.71	6.52	6.48	5.76	5.37	5.24	5.01	5.49	6.37	1930
1931	7.24	7.11	6.42	5.73	5.70	5.44	5.07	4.95	4.88	4.79	4.91	5.07	5.60	1931
1932	5.90	7.70	7.05	7.32	6.20	5.62	5.45	5.45	5.74	5.94	6.28	6.68	6.27	1932
1933	7.05	6.51	6.20	7.46	7.04	5.84	5.29	5.15	4.93	4.74	4.65	5.94	5.90	1933
1934	6.29	5.95	6.15	7.56	6.83	5.70	5.17	4.65	4.58	4.58	4.56	5.90	5.66	1934
1935	6.63	6.32	6.47	6.37	5.79	5.33	5.37	5.03	4.84	4.70	4.83	5.25	5.57	1935
1936	6.24	5.66	---	6.61	7.34	6.25	5.21	4.87	4.87	5.18	5.45	5.84	---	1936
1937	7.41	7.05	6.81	7.38	6.92	5.83	5.39	5.32	5.14	5.11	5.67	5.95	6.16	1937
1938	7.33	7.18	7.23	7.43	6.69	5.71	5.22	5.28	5.26	5.18	4.97	5.02	6.03	1938
1939	6.74	6.25	6.28	7.33	7.14	6.03	5.64	5.54	5.06	5.03	5.04	5.55	5.97	1939
1940	6.82	6.34	5.95	6.74	6.44	6.40	5.77	5.15	5.19	4.93	5.05	6.82	5.97	1940
1941	6.85	6.52	6.36	6.85	5.92	5.23	---	5.06	5.00	5.20	5.61	5.58	---	1941
1942	7.33	6.86	7.00	7.00	6.35	5.96	5.38	5.27	5.17	5.08	5.29	6.13	6.06	1942
1943	7.22	7.07	7.22	7.81	8.03	7.04	6.21	5.86	5.73	5.60	5.80	6.94	6.71	1943
1944	7.92	7.33	6.88	6.47	6.36	5.61	5.49	5.36	5.29	5.25	5.14	5.85	6.08	1944
1945	6.88	6.78	7.44	6.81	6.81	6.46	5.77	5.54	5.59	5.99	5.87	6.67	6.38	1945
1946	8.33	7.53	7.69	6.40	6.10	5.96	5.50	5.40	5.32	5.36	5.53	5.80	6.24	1946
1947	7.76	7.45	7.06	7.81	8.29	8.25	6.71	6.08	5.93	5.55	5.41	5.54	6.80	1947
1948	7.51	6.95	7.29	8.83	6.38	5.95	5.63	5.53	5.31	5.16	5.15	5.19	6.07	1948
1949	6.77	7.75	7.00	7.08	6.35	5.58	5.51	5.16	5.05	4.94	4.90	5.06	5.92	1949
1950	7.01	7.28	6.74	7.50	6.21	5.81	5.50	5.37	5.31	5.13	5.42	5.92	6.09	1950
1951	8.50	7.85	7.78	8.84	7.04	5.91	6.04	5.65	5.54	5.59	6.10	6.34	6.74	1951
1952	8.54	8.18	7.33	7.77	7.12	6.54	5.87	5.89	5.66	5.58	5.37	5.73	6.63	1952
1953	7.88	8.02	7.47	7.21	6.41	5.71	5.55	5.44	5.28	5.17	4.99	5.02	6.17	1953
1954	7.12	7.03	6.85	7.46	6.80	6.29	5.78	5.49	5.50	6.09	6.03	5.99	6.36	1954
1955	6.16	7.70	7.54	8.13	6.47	5.72	5.41	5.35	5.21	5.26	5.33	5.76	6.16	1955
1956	8.01	6.55	6.46	6.81	6.53	6.17	5.65	5.52	5.68	5.59	5.24	5.37	6.13	1956
1957	7.87	7.36	6.80	5.68	5.56	5.36	5.99	5.55	5.14	5.09	5.44	5.21	5.89	1957
1958	7.39	7.70	6.90	6.63	5.57	5.19	5.22	5.11	5.14	5.10	5.07	5.09	5.94	1958
1959	6.44	6.53	6.28	6.97	6.04	5.67	5.13	---	4.88	4.86	5.26	5.83	---	1959
1960	7.79	---	---	7.75	7.40	6.09	6.09	5.56	5.05	4.70	---	---	---	1960
1961	---	6.70	6.26	6.29	6.05	5.80	5.66	5.33	5.29	5.17	4.97	5.17	---	1961
1962	6.77	6.60	6.06	6.36	5.85	4.95	4.82	4.85	4.72	---	---	---	---	1962
MOYEN	7.36	7.14	7.11	7.24	6.72	6.04	5.64	5.36	5.21	5.23	5.36	5.94	6.22	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 45 43 03
LONG 073 29 02

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

L'ASSOMPTION (RIVIERE) A CHARLEMAGNE - STATION NO. 020B004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1917	---	---	---	1917
1918	---	10.10 LE 05 AVR	5.12 LE 21 AOU	1918
1919	---	---	---	1919
1920	---	9.60 LE 30 MAR	4.66 LE 23 OCT	1920
1921	---	9.20 LE 23 MAR	4.63 LE 18 SEP	1921
1922	---	---	---	1922
1923	---	8.69 LE 13 AVR	4.57 LE 20 OCT	1923
1924	---	9.75 LE 11 AVR	4.85 LE 06 NOV	1924
1925	---	---	---	1925
1926	---	9.33 LE 26 AVR	4.72 LE 17 OCT	1926
1927	---	9.42 LE 21 MAR	4.91 LE 25 SEP	1927
1928	---	11.13 LE 11 AVR *	5.33 LE 09 SEP	1928
1929	---	9.88 LE 24 MAR	5.09 LE 01 DEC	1929
1930	---	8.47 LE 10 JAN	4.63 LE 03 DEC	1930
1931	---	7.99 LE 13 JAN	4.72 LE 22 SEP	1931
1932	---	8.93 LE 13 AVR	5.30 LE 30 JUN	1932
1933	---	8.14 LE 11 AVR	4.42 LE 13 NOV	1933
1934	---	9.02 LE 14 AVR	4.30 LE 30 OCT	1934
1935	---	6.95 LE 08 JAN	4.45 LE 22 OCT	1935
1936	---	---	---	1936
1937	---	8.96 LE 09 AVR	4.85 LE 18 OCT	1937
1938	---	8.78 LE 29 MAR	4.75 LE 02 DEC	1938
1939	---	9.20 LE 24 AVR	4.82 LE 25 SEP	1939
1940	---	7.47 LE 21 DEC	4.75 LE 14 OCT	1940
1941	---	---	---	1941
1942	---	7.80 LE 25 DEC	4.88 LE 21 OCT	1942
1943	---	8.69 LE 27 DEC	5.39 LE 07 DEC	1943
1944	---	8.44 LE 01 JAN	4.94 LE 07 DEC	1944
1945	---	8.87 LE 27 DEC	5.36 LE 18 SEP	1945
1946	---	8.93 LE 12 JAN	5.12 LE 04 DEC	1946
1947	---	8.87 LE 13 AVR	5.18 LE 23 NOV	1947
1948	---	8.78 LE 29 MAR	4.91 LE 11 NOV	1948
1949	---	8.20 LE 31 MAR	4.72 LE 01 NOV	1949
1950	---	9.14 LE 08 AVR	4.97 LE 05 OCT	1950
1951	---	10.00 LE 03 AVR	5.36 LE 28 SEP	1951
1952	---	9.51 LE 13 JAN	5.18 LE 13 NOV	1952
1953	---	8.90 LE 19 JAN	4.85 LE 05 DEC	1953
1954	---	8.14 LE 16 JAN	5.03 LE 01 JAN	1954
1955	---	8.50 LE 01 AVR	3.59 LE 01 NOV *	1955
1956	---	8.56 LE 05 JAN	5.05 LE 14 NOV	1956
1957	---	9.93 LE 03 JAN	4.87 LE 21 AOU	1957
1958	---	9.56 LE 25 JAN	4.71 LE 20 AOU	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

L'ASSOMPTION (RIVIERE) A L'ASSOMPTION - STATION NO. 020B006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1922	---	---	---	---	---	---	---	---	---	5.74	---	6.69	---	1922
1923	6.93	6.38	6.57	---	8.23	6.65	6.03	6.10	6.07	6.16	6.47	7.08	---	1923
1924	---	6.91	7.26	9.00	8.89	6.68	6.21	5.95	5.98	6.66	6.36	---	---	1924
1925	6.77	7.06	8.21	8.22	7.12	6.60	6.18	5.98	5.75	5.71	6.45	---	---	1925
1926	6.04	5.87	---	7.92	7.84	6.56	6.43	6.01	6.09	6.21	7.15	---	---	1926
1927	7.46	6.99	8.18	7.74	7.23	7.05	6.76	6.04	5.83	6.25	7.58	7.71	7.07	1927
1928	8.23	8.28	8.24	9.80	9.14	7.18	6.41	6.16	6.27	6.90	6.93	6.99	7.54	1928
1929	7.49	7.28	8.41	8.96	8.67	---	6.58	6.11	6.04	6.13	6.40	7.40	---	1929
1930	8.04	7.46	7.68	8.48	7.65	6.86	6.66	6.03	5.86	5.79	5.88	6.21	6.88	1930
1931	7.21	7.02	6.67	7.75	6.76	6.47	6.03	5.80	5.85	5.89	6.21	6.10	6.49	1931
1932	7.01	7.88	---	8.64	7.09	6.53	5.92	6.03	6.15	6.86	7.26	7.43	---	1932
1933	7.35	7.40	6.91	8.97	7.82	6.31	5.99	5.93	5.88	5.84	6.17	6.63	6.79	1933
1934	6.65	6.28	6.74	9.35	7.90	6.60	6.14	5.77	5.80	5.81	6.02	6.90	6.66	1934
1935	6.57	6.33	---	8.28	7.03	6.60	---	5.87	6.17	6.04	6.47	6.61	---	1935
1936	6.59	6.56	---	7.85	8.09	6.60	5.84	5.77	6.15	6.80	6.82	6.66	---	1936
1937	7.65	7.13	6.97	8.90	7.62	6.16	5.77	5.82	5.62	6.07	7.01	6.96	6.80	1937
1938	6.77	6.46	7.22	8.48	7.02	6.06	6.06	5.91	6.46	6.32	6.20	6.52	6.62	1938
1939	6.94	6.63	6.41	8.15	8.23	6.40	6.40	6.56	5.85	6.03	6.02	6.11	6.65	1939
1940	6.79	6.53	6.15	8.03	7.61	6.77	6.00	5.54	5.34	5.28	5.73	7.01	6.40	1940
1941	7.10	6.95	6.29	7.97	6.13	5.97	5.90	5.80	5.93	6.05	6.86	6.47	6.45	1941
1942	7.28	7.19	7.62	8.68	7.55	6.31	6.10	5.94	6.01	6.15	7.01	7.07	6.89	1942
1943	7.53	7.30	7.53	8.89	9.33	7.47	6.52	6.15	6.12	6.27	7.01	7.50	7.27	1943
1944	8.09	7.54	7.05	7.83	7.48	6.17	6.12	6.02	6.03	5.98	5.93	6.56	6.73	1944
1945	7.01	6.84	8.03	8.12	7.70	6.87	6.36	6.08	6.52	7.21	7.20	7.63	7.13	1945
1946	8.82	7.95	8.63	7.58	7.37	6.74	6.27	6.32	6.23	6.81	6.94	7.59	7.47	1946
1947	8.04	7.76	7.56	8.89	9.18	8.49	7.20	6.32	6.19	6.13	6.26	6.45	7.35	1947
1948	7.60	7.13	7.82	8.04	7.02	6.31	6.01	5.90	5.82	5.84	6.03	6.41	6.64	1948
1949	7.02	7.90	7.40	8.82	7.02	6.26	6.08	5.83	5.94	6.09	6.33	6.82	6.78	1949
1950	8.02	7.61	7.15	8.87	7.26	6.70	6.17	5.97	5.90	5.97	6.77	7.01	6.94	1950
1951	8.58	7.98	8.03	9.95	7.57	6.51	6.45	5.98	6.00	6.06	7.03	7.43	7.29	1951
1952	8.46	8.47	7.66	9.24	8.16	6.96	6.31	6.04	6.01	6.52	6.42	7.32	7.32	1952
1953	8.16	8.32	8.45	8.12	8.93	6.45	6.04	6.01	5.95	5.95	6.00	6.37	6.86	1953
1954	7.43	7.46	7.28	8.90	7.54	6.81	6.18	6.01	6.14	---	---	---	---	1954
MOYEN	7.40	7.21	7.43	8.53	7.69	6.64	6.23	6.01	6.00	6.17	6.55	6.88	6.91	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 49 31
LONG 073 25 23

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

L'ASSOMPTION (RIVIERE) A L'ASSOMPTION - STATION NO. 020B006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1922	---	---	---	1922
1923	---	---	---	1923
1924	---	---	---	1924
1925	---	---	---	1925
1926	---	---	---	1926
1927	---	10.49 LE 18 NOV *	5.67 LE 16 SEP	1927
1928	---	11.86 LE 10 AVR *	5.82 LE 10 SEP	1928
1929	---	---	---	1929
1930	---	10.39 LE 08 AVR	5.70 LE 05 OCT	1930
1931	---	9.05 LE 01 AVR	5.64 LE 05 SEP	1931
1932	---	---	---	1932
1933	---	11.22 LE 10 AVR	5.73 LE 16 SEP	1933
1934	---	11.31 LE 12 AVR	5.55 LE 03 SEP	1934
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	10.27 LE 17 AVR	5.30 LE 06 SEP	1937
1938	---	9.81 LE 26 MAR	5.61 LE 24 JUN	1938
1939	---	11.70 LE 24 AVR	5.58 LE 30 NOV	1939
1940	---	10.70 LE 18 AVR	5.06 LE 14 OCT	1940
1941	---	8.56 LE 16 AVR	5.46 LE 15 MAR	1941
1942	---	9.78 LE 26 AVR	5.76 LE 08 SEP	1942
1943	---	10.45 LE 13 MAI	5.82 LE 04 AOU	1943
1944	---	9.17 LE 25 AVR	5.79 LE 27 AOU	1944
1945	---	10.97 LE 01 AVR	5.88 LE 25 AOU	1945
1946	---	10.21 LE 27 MAR	6.10 LE 01 AOU	1946
1947	---	11.00 LE 11 AVR	5.88 LE 29 OCT	1947
1948	---	9.42 LE 25 MAR	5.73 LE 28 SEP	1948
1949	---	9.85 LE 04 AVR	5.76 LE 09 AOU	1949
1950	---	9.75 LE 05 AVR	5.73 LE 03 OCT	1950
1951	---	11.43 LE 06 AVR	5.91 LE 16 AOU	1951
1952	---	10.09 LE 11 AVR	0.58 LE 11 SEP *	1952
1953	---	11.64 LE 27 MAR	5.76 LE 23 AOU	1953
1954	---	---	---	1954

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LA SARRE (RIVIERE) PRES DE LA SARRE - STATION NO. 04MA003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1926	---	---	---	---	---	---	---	---	---	20.31	---	---	---	1926
1927	---	---	---	---	---	21.17	21.05	21.11	21.14	21.23	21.18	21.00	---	1927
1928	20.65	20.14	20.04	---	21.12	21.32	21.36	20.99	21.31	21.48	21.39	21.22	---	1928
1929	20.91	20.54	20.18	20.23	20.58	21.34	21.47	21.08	21.03	21.30	21.53	21.21	20.95	1929
1930	20.88	20.55	20.25	20.36	20.88	21.30	21.32	21.11	20.89	20.69	20.55	20.43	20.77	1930
1931	20.21	20.00	19.96	20.12	20.31	20.54	20.36	20.18	20.03	20.17	20.65	20.93	20.29	1931
1932	20.75	20.50	20.18	20.34	20.26	20.44	20.61	20.87	21.20	21.44	21.39	21.18	20.76	1932
1933	20.85	20.46	20.25	20.56	20.90	21.22	20.91	20.61	20.37	20.22	20.14	20.08	20.55	1933
1934	20.01	19.92	19.95	20.42	21.18	21.43	21.37	21.09	20.99	21.34	21.44	21.48	20.89	1934
1935	21.21	20.82	20.38	20.30	20.84	20.92	20.75	20.51	20.30	20.18	20.33	20.24	20.56	1935
1936	20.09	20.02	20.20	20.36	21.09	21.42	21.25	20.95	20.65	20.59	20.65	20.58	20.66	1936
1937	20.41	20.22	20.30	20.58	21.21	21.36	21.26	21.22	20.95	21.08	21.31	21.26	20.94	1937
1938	21.03	20.71	20.40	20.75	21.24	21.30	21.19	21.13	21.13	21.14	21.18	21.17	21.06	1938
1939	21.05	20.88	20.57	20.27	21.19	21.39	21.52	21.23	21.10	21.09	21.26	21.08	21.05	1939
1940	---	20.39	20.08	20.04	20.89	21.45	21.35	21.07	21.14	21.10	21.11	21.03	---	1940
1941	20.83	20.60	20.49	20.81	21.28	21.20	21.16	21.04	21.33	21.42	21.42	21.39	21.08	1941
1942	21.26	20.89	20.62	21.20	21.46	21.37	21.14	20.95	20.86	21.27	21.30	21.19	21.13	1942
1943	21.06	20.75	20.45	20.35	21.10	21.45	21.38	21.21	21.06	20.95	20.89	20.86	20.96	1943
1944	20.81	20.61	20.44	20.40	21.35	21.43	21.18	21.24	21.28	21.43	21.37	21.28	21.08	1944
1945	21.12	20.81	20.76	21.36	21.54	21.60	21.52	21.38	21.28	21.30	21.45	21.38	21.29	1945
1946	21.22	20.96	20.77	20.86	21.43	21.50	21.35	21.07	20.96	20.84	20.85	20.82	21.05	1946
1947	20.68	20.56	20.41	20.36	21.22	21.74	21.46	21.20	21.07	21.00	20.75	20.65	20.93	1947
1948	20.42	20.15	20.08	20.36	21.18	21.41	21.26	21.08	20.91	20.53	20.55	20.45	20.70	1948
1949	20.33	20.23	20.21	20.54	21.27	21.53	21.57	21.27	21.07	20.91	20.77	20.68	20.87	1949
1950	20.44	20.28	20.25	20.55	21.00	21.53	21.54	21.30	21.06	20.97	21.10	21.27	20.95	1950
1951	21.15	20.79	20.52	20.87	21.45	21.46	21.46	21.19	20.95	20.90	21.21	21.42	21.12	1951
1952	21.34	21.09	20.68	20.72	21.46	21.60	21.52	21.33	21.13	21.20	21.42	21.38	21.26	1952
1953	21.24	20.95	20.64	21.18	21.46	21.39	---	21.05	20.78	20.97	20.82	20.99	---	1953
1954	20.73	20.53	---	20.62	21.20	21.49	21.50	21.45	21.27	21.57	21.55	21.41	---	1954
1955	21.19	20.96	20.81	20.91	21.23	21.12	20.89	20.59	20.48	20.58	20.76	20.77	20.86	1955
1956	20.60	20.50	20.42	20.57	21.15	21.51	21.40	21.26	21.04	21.05	20.91	20.84	20.94	1956
1957	20.78	20.73	20.67	20.74	21.01	21.10	21.67	21.33	21.13	20.99	21.01	21.12	21.03	1957
1958	21.09	21.02	20.89	20.64	20.81	21.23	21.42	21.30	21.19	21.40	21.39	21.32	21.16	1958
1959	21.22	21.02	20.83	20.77	21.20	21.44	21.22	20.93	20.87	20.93	21.20	21.14	21.06	1959
1960	20.88	20.58	---	20.55	21.77	21.62	21.56	---	21.31	21.18	21.18	21.15	---	1960
1961	21.00	20.53	20.37	20.51	20.94	21.28	21.28	21.09	21.29	21.30	21.50	21.53	21.05	1961
1962	21.31	20.83	20.35	20.38	21.23	21.46	21.13	21.04	21.22	21.11	20.81	20.57	20.95	1962
1963	20.39	20.22	20.13	20.37	20.60	20.76	20.69	20.72	20.62	20.44	20.29	20.35	20.48	1963
1964	20.20	20.20	20.28	20.64	21.32	21.61	21.25	20.93	20.76	20.94	20.89	20.67	20.81	1964
1965	20.38	20.25	20.30	20.51	20.97	21.40	21.21	21.05	21.16	21.57	21.36	21.04	20.94	1965
1966	20.72	20.40	20.21	20.46	20.96	21.37	21.26	21.04	20.90	21.20	21.50	21.58	20.97	1966
1967	21.29	20.78	20.33	20.71	21.68	21.48	21.26	21.14	20.93	20.98	21.29	21.17	21.09	1967
1968	20.81	20.44	20.30	20.74	21.25	21.20	21.37	21.27	21.12	21.17	21.11	20.83	20.97	1968
1969	20.55	20.30	20.23	20.52	21.24	21.56	21.41	21.41	21.45	21.56	21.58	21.46	21.11	1969
1970	21.11	20.70	20.25	20.36	20.70	21.29	21.32	21.16	21.00	20.90	20.71	20.58	20.84	1970
1971	20.39	20.17	20.20	20.39	20.78	20.82	20.64	20.43	20.46	20.48	20.57	20.58	20.50	1971
1972	20.49	20.25	20.29	20.43	20.68	21.15	21.13	20.91	20.74	20.82	20.83	20.59	20.69	1972
1973	20.33	20.19	20.31	20.42	21.30	21.37	21.21	20.97	21.01	20.99	---	---	---	1973
MOYEN	20.79	20.53	20.37	20.56	21.11	21.32	21.25	21.06	20.99	21.00	21.05	20.99	20.91	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 243.84 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 48 23
LONG 079 13 35

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LA SARRE (RIVIERE) PRES DE LA SARRE - STATION NO. 04MA003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1926	---	---	---	1926
1927	---	---	---	1927
1928	---	---	---	1928
1929	---	21.75 LE 26 OCT	20.12 LE 18 MAR	1929
1930	---	21.45 LE 11 JUL	20.17 LE 01 AVR	1930
1931	---	21.29 LE 25 NOV	19.95 LE 16 MAR	1931
1932	---	21.63 LE 21 OCT	20.01 LE 01 MAI	1932
1933	---	21.36 LE 11 JUN	20.05 LE 31 OCT	1933
1934	---	21.97 LE 29 OCT	19.86 LE 09 MAR *	1934
1935	---	21.37 LE 01 JAN	19.86 LE 05 OCT	1935
1936	---	21.56 LE 29 MAI	19.99 LE 14 FEV	1936
1937	---	21.57 LE 14 OCT	20.17 LE 16 FEV	1937
1938	---	21.60 LE 14 NOV	20.35 LE 24 MAR	1938
1939	---	21.81 LE 14 JUL	20.14 LE 18 AVR	1939
1940	---	---	---	1940
1941	---	21.84 LE 07 SEP	20.49 LE 04 MAR	1941
1942	---	21.68 LE 06 NOV	20.46 LE 20 MAR	1942
1943	---	21.57 LE 05 JUN	20.29 LE 05 AVR	1943
1944	---	21.63 LE 06 JUN	20.30 LE 07 AVR	1944
1945	---	21.92 LE 29 MAI	20.61 LE 11 MAR	1945
1946	---	21.92 LE 25 MAI	20.67 LE 01 AVR	1946
1947	---	22.09 LE 27 MAI	20.29 LE 14 AVR	1947
1948	---	21.62 LE 04 JUN	20.03 LE 13 MAR	1948
1949	---	21.78 LE 27 JUN	20.17 LE 08 MAR	1949
1950	---	21.76 LE 14 JUL	20.24 LE 02 MAR	1950
1951	---	21.67 LE 29 JUN	20.48 LE 19 MAR	1951
1952	---	21.81 LE 09 JUN	20.23 LE 02 AVR	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	21.46 LE 08 MAI	20.35 LE 17 SEP	1955
1956	---	21.64 LE 13 JUN	20.17 LE 04 AVR	1956
1957	---	22.09 LE 30 JUN	20.55 LE 16 AVR	1957
1958	---	21.57 LE 12 JUL	20.52 LE 24 AVR	1958
1959	---	21.72 LE 25 MAI	20.69 LE 17 AVR	1959
1960	---	---	---	1960
1961	---	26.46 LE 02 JAN *	20.26 LE 27 MAR	1961
1962	---	21.86 LE 02 JUN	20.22 LE 27 MAR	1962
1963	---	21.23 LE 18 AVR	20.07 LE 15 MAR	1963
1964	---	21.85 LE 16 JUN	20.16 LE 18 JAN	1964
1965	---	21.66 LE 04 OCT	20.21 LE 07 FEV	1965
1966	---	21.65 LE 09 DEC	20.17 LE 11 MAR	1966
1967	---	21.95 LE 17 MAI	20.31 LE 18 MAR	1967
1968	---	21.60 LE 19 JUL	20.22 LE 03 MAR	1968
1969	---	21.83 LE 14 OCT	20.21 LE 02 MAR	1969
1970	---	21.42 LE 25 JUN	20.09 LE 29 MAR	1970
1971	---	21.07 LE 21 MAI	20.13 LE 20 FEV	1971
1972	---	21.35 LE 09 OCT	20.21 LE 16 FEV	1972
1973	---	---	---	1973

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 243.84 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LAC AU SAUMON - STATION NO. 01BD005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1968	---	---	---	---	---	---	---	23.11	23.08	23.06	---	---	---	1968
MOYEN	---	---	---	---	---	---	---	23.11	23.08	23.06	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 25 16
LONG 067 19 27

BASSIN VERSANT, 1 210 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LAC AU SAUMON - STATION NO. 01BD005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1968	---	---	---	1968

PLAN DE REFERENCE - ARBITRAIRE

LAC DES ILES (RIVIERE DU) AU LAC DES ILES - STATION NO. 02LE021

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	---	---	---	---	---	---	24.80	24.86	24.92	24.96	---	1962
1963	24.98	24.98	---	25.02	---	24.83	---	24.64	24.79	24.91	24.98	---	---	1963
1964	---	24.97	24.98	---	24.98	24.86	24.81	24.71	24.64	24.54	24.50	24.57	---	1964
1965	24.80	24.81	24.79	24.93	25.08	24.92	24.83	24.90	25.03	---	25.00	24.87	---	1965
1966	24.99	24.83	24.79	24.97	24.96	---	---	---	---	---	---	---	---	1966
MOYEN	24.92	24.90	24.85	24.97	25.01	24.87	24.82	24.75	24.82	24.77	24.85	24.80	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 102.88 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 24 22
LONG 075 31 46

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LAC DES ILES (RIVIERE DU) AU LAC DES ILES - STATION NO. 02LE021

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 182.88 m POUR OBTENIR LES COTES GEODESIQUES

LAFLAMME (LAC) A LA FORET DE MONTMORENCY - STATION NO. 02PD017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1981	0.395	0.437	0.417	0.464	0.499	0.453	0.439	0.452	0.420	0.426	0.419	0.404	0.436	1981
1982	0.410	0.396	0.384	0.395	0.464	0.418	0.427	0.417	0.437	0.414	0.444	0.429	0.420	1982
1983	0.418	0.412	0.404	0.431	0.518	0.443	0.422	0.413	0.424	0.436	0.427	0.422	0.431	1983
1984	0.417	0.386	0.408	0.417	0.504	0.438	0.421	0.409	0.412	0.416	0.421	0.409	0.422	1984
1985	0.408	0.414	0.408	0.414	0.511	0.457	0.442	0.403	0.392	0.430	0.420	0.409	0.426	1985
1986	0.407	0.395	0.415	0.460	0.502	0.454	0.447	0.423	0.419	0.433	0.423	0.406	0.432	1986
1987	0.390	0.376	0.379	0.403	0.476	0.415	0.431	0.409	0.414	0.439	0.446	0.413	0.423	1987
1988	0.406	0.446	0.384	0.417	0.502	0.429	0.424	0.424	0.442	0.450	0.447	0.403	0.438	1988
1989	0.410	0.389	0.395	0.388	0.509	0.428	0.398	0.382	0.390	0.413	0.445	0.394	0.412	1989
1990	0.398	0.386	0.382	0.413	0.476	0.445	0.405	0.405	0.399	0.480	0.433	0.409	0.419	1990
MOYEN	0.414	0.404	0.398	0.428	0.496	0.438	0.426	0.414	0.415	0.434	0.433	0.410	0.426	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 19 25 — BASSIN VERSANT, 0.69 km²
LONG 071 07 35 — DEBIT NATUREL

LAFLAMME (LAC) A LA FORET DE MONTMORENCY - STATION NO. 02PD017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1981	---	0.620 LE 12 MAI	0.307E LE 05 JAN	1981
1982	0.671 LE 10 MAI A 22:40 HNE	0.604 LE 09 MAI	0.371 LE 12 AVR	1982
1983	0.693 LE 09 MAI A 03:45 HNE	0.661 LE 09 MAI	0.392 LE 18 MAR	1983
1984	0.701 LE 23 MAI A 18:09 HNE *	0.623 LE 24 MAI	0.372 LE 21 FEV	1984
1985	0.636 LE 14 MAI A 11:29 HNE	0.614 LE 19 MAI	0.376E LE 27 MAR	1985
1986	---	0.640E LE 01 MAI	0.383E LE 03 MAR	1986
1987	---	---	0.369 LE 05 FEV	1987
1988	0.626 LE 02 FEV A 04:31 HNE	0.624 LE 02 FEV	0.356 LE 05 MAR *	1988
1989	0.683 LE 07 MAI A 03:46 HNE	0.663 LE 07 MAI *	0.362 LE 29 AOU	1989
1990	0.671 LE 11 MAI A 13:05 HNE	0.643 LE 11 MAI	0.372 LE 12 MAR	1990

PLAN DE REFERENCE - ARBITRAIRE

E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LIEVRE (RIVIERE DU) - STATION NO. 02LF004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	6.86	---	---	6.48	6.15	6.60	6.75	6.88	6.75	7.11	7.03	---	---	1965
1966	---	---	---	---	---	---	6.76	6.86	6.78	6.96	6.89	---	---	1966
1967	---	---	---	6.69	7.14	7.10	6.95	6.94	6.96	7.08	7.04	6.91	---	1967
1968	6.96	7.04	7.00	6.94	7.03	6.90	6.95	6.83	6.93	6.85	6.87	6.97	6.94	1968
1969	6.95	6.73	6.80	6.59	6.85	6.85	6.89	6.80	6.78	6.74	6.89	6.87	6.81	1969
1970	6.88	6.84	6.95	6.81	7.29	7.04	7.05	---	---	---	6.93	6.96	---	1970
1971	6.96	6.98	6.87	6.74	7.01	6.86	6.76	7.05	7.01	6.98	7.02	6.99	6.94	1971
1972	6.90	7.05	7.02	6.92	7.15	7.23	7.20	7.04	7.12	7.03	7.19	7.12	7.08	1972
1973	7.06	6.98	6.99	7.03	7.15	7.11	7.03	7.11	6.98	7.01	7.06	6.98	7.04	1973
1974	7.07	7.09	7.04	---	---	---	---	---	---	---	---	---	---	1974
1976	---	---	---	7.37	---	---	---	---	---	---	---	---	---	1976
MOYEN	6.96	6.96	6.95	6.84	6.97	6.96	6.93	6.94	6.91	6.97	6.99	6.9.	6.96	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 182.88 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 05 16
LONG 075 37 23 — REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LIEVRE (RIVIERE DU) - STATION NO. 02LF004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	7.34 LE 29 AVR	6.42 LE 31 AOU	1968
1969	---	7.33 LE 20 MAI	6.20 LE 24 AVR *	1969
1970	---	---	---	1970
1971	---	7.31 LE 16 MAI	6.43 LE 16 AVR	1971
1972	---	7.81 LE 26 JUN *	6.41 LE 24 AVR	1972
1973	---	7.37 LE 13 JUN	6.68 LE 15 FEV	1973
1974	---	---	---	1974
1976	---	---	---	1976

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 182.88 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LIEVRE (RIVIERE DU) A FERME ROUGE - STATION NO. 02LE003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	19.39	---	18.86	18.51	18.31	18.36	18.51	19.31	---	1964
1965	19.52	19.07	18.90	19.25	19.36	18.96	18.56	18.81	18.80	19.46	19.24	19.14	19.09	1965
1966	19.12	18.97	19.33	19.70	19.52	19.37	18.86	---	---	---	---	---	---	1966
MOYEN	19.32	19.02	19.11	19.48	19.42	19.17	18.76	18.66	18.56	18.91	18.88	19.23	19.09	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 25 37
LONG 075 25 40
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LIEVRE (RIVIERE DU) A FERME ROUGE - STATION NO. 02LE003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	19.81 LE 11 JAN *	18.45 LE 20 SEP *	1965
1966	---	---	---	1966

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LIEVRE (RIVIERE DU) AU LAC DU POISSON BLANC - STATION NO. 02LF002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	194.66R	194.53R	194.16R	196.70R	201.05R	201.12R	200.44R	199.68R	199.61R	198.83R	197.80R	198.61R	198.12R	1963
1964	198.24R	197.00R	194.93R	195.54R	200.99R	201.66R	201.52R	200.32R	199.10R	197.11R	195.36R	195.39R	198.11R	1964
1965	197.54R	197.27R	195.26R	194.54R	199.18R	201.36R	200.83R	200.90R	201.21R	201.68R	201.50R	201.38R	199.40R	1965
1966	200.63R	198.95R	196.68R	196.41R	200.09R	201.48R	201.29R	200.98R	200.04R	198.02R	197.96R	200.18R	199.40R	1966
1967	200.71R	199.26R	196.64R	197.31R	201.33R	201.50R	201.62R	201.00R	200.57R	201.36R	201.69R	201.08R	200.35R	1967
1968	199.72R	198.13R	196.36R	199.57R	201.58R	201.59R	201.46R	200.55R	199.02R	197.74R	196.29R	195.97R	199.00R	1968
1969	196.35R	196.50R	195.90R	196.79R	201.29R	201.60R	201.29R	200.56R	199.13R	197.28R	197.66R	199.14R	198.64R	1969
1970	199.56R	198.69R	196.32R	195.43R	201.17R	201.71R	201.42R	201.00R	199.77R	198.87R	198.48R	198.91R	199.29R	1970
1971	198.99R	198.04R	196.21R	194.80R	200.82R	201.72R	201.11R	199.48R	197.84R	196.90R	196.57R	197.33R	198.33R	1971
1972	198.54R	198.31R	196.81R	194.64R	200.62R	201.85R	201.73R	201.71R	201.24R	201.00R	200.97R	199.27R	199.73R	1972
1973	198.22R	197.71R	---	198.92R	201.59R	201.80R	201.67R	201.69R	201.45R	200.53R	199.52R	199.67R	---	1973
1974	199.99R	199.36R	196.97R	195.97R	201.67R	201.84R	201.41R	200.52R	---	---	199.91R	200.65R	---	1974
1975	199.62R	197.76R	195.52R	194.46R	199.43R	201.31R	200.34R	198.54R	198.11R	198.09R	198.05R	198.55R	198.32R	1975
1976	198.70R	198.03R	196.86R	199.14R	201.60R	201.43R	---	---	---	198.97R	198.41R	197.47R	---	1976
1977	196.59R	196.12R	195.99R	198.15R	201.27R	201.07R	201.05R	200.10R	198.72R	197.34R	197.11R	198.13R	198.49R	1977
1978	198.05R	197.49R	---	194.38R	---	---	---	---	---	194.97R	195.07R	195.68R	---	1978
1979	195.96R	---	---	197.88R	201.31R	201.45R	200.69R	200.15R	200.00R	200.68R	201.01R	201.13R	---	1979
1980	199.84R	197.35R	---	197.20R	201.22R	201.32R	200.28R	200.23R	200.09R	201.09R	201.30R	---	---	1980
1981	---	196.52R	198.49R	200.63R	201.78R	201.56R	200.81R	200.03R	199.22R	198.22R	197.44R	196.73R	---	1981
1982	196.01R	195.64R	---	---	---	201.07R	200.37R	---	---	---	---	---	---	1982
1983	---	---	---	---	---	201.66R	200.65R	199.78R	199.64R	198.70R	198.09R	197.85R	---	1983
1984	196.88R	195.49R	194.25R	196.47R	201.41R	201.68R	201.52R	201.19R	200.16R	198.99R	199.14R	200.12R	198.95R	1984
1985	199.56	197.26	194.43	195.04	201.33	201.10	200.69	200.74	199.77	199.47R	199.09R	198.70R	198.95R	1985
1986	197.79	195.93	194.29	198.08	201.38	201.70	201.04	200.82	200.48R	---	199.12R	---	---	1986
1987	---	195.84	194.59	198.19	198.81	199.75	200.53	200.49	199.83	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	201.53	201.05	201.41	---	1988
1989	200.10	198.01	194.65	195.31	199.25	201.55	200.88	199.70	199.87	200.40	201.58	200.89	199.36	1989
1990	198.50	195.80	194.22	196.46	200.41	200.62	201.27	200.95	199.77	---	---	---	---	1990
MOYEN	198.36	197.24	195.63	196.72	200.86	201.40	201.04	200.46	199.77	199.03	198.84	198.87	198.96	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 06 05
LONG 075 38 55
BASSIN VERSANT, 7 670 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

LIEVRE (RIVIERE DU) AU LAC DU POISSON BLANC - STATION NO. 02LF002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	201.61 LE 29 MAI	193.92 LE 24 MAR	1963
1964	---	201.76 LE 12 JUL	192.99 LE 08 AVR	1964
1965	---	201.75 LE 05 OCT	192.72 LE 07 AVR *	1965
1966	---	201.52 LE 03 JUN	195.42 LE 10 AVR	1966
1967	---	201.86 LE 24 OCT	195.01 LE 01 AVR	1967
1968	---	201.72 LE 30 AVR	195.04 LE 12 DEC	1968
1969	---	201.82 LE 16 MAI	195.28 LE 08 AVR	1969
1970	---	201.85 LE 09 JUN	194.15 LE 12 AVR	1970
1971	---	201.80 LE 13 JUN	193.47 LE 13 AVR	1971
1972	---	202.00 LE 25 JUN	193.85 LE 19 AVR	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	201.43 LE 11 JUN	193.63 LE 14 AVR	1975
1976	---	---	---	1976
1977	---	201.56 LE 15 MAI	195.54 LE 13 MAR	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	201.76 LE 04 JUN	193.43 LE 05 AVR	1984
1985	---	201.66 LE 16 MAI	193.64 LE 15 AVR	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	202.02 LE 21 NOV *	193.41 LE 28 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LIEVRE (RIVIERE DU) EN AVAL DE LA CENTRALE DE BUCKINGHAM - STATION NO. 02LF016

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1974	20.02R	20.03R	20.05R	20.20R	---	20.90R	20.13R	19.97R	---	19.93R	19.94R	19.97R	---	1974
1975	19.99R	20.02R	20.09R	20.26R	20.10R	19.96R	19.98R	20.13R	---	20.01R	19.95R	19.93R	---	1975
1976	19.92R	20.07R	20.12R	20.66R	20.56R	20.03R	20.09R	19.96R	19.95R	20.05R	19.95R	19.95R	20.11R	1976
1977	---	19.96R	20.00R	20.32R	20.02R	19.99R	19.93R	20.03R	20.09R	19.96R	---	20.01R	---	1977
1978	20.05R	20.08R	20.00R	20.17R	20.07R	19.97R	19.94R	20.04R	19.98R	20.09R	20.00R	19.90R	20.02R	1978
1979	19.91R	19.92R	20.02R	20.17R	20.32R	19.97R	20.13R	19.99R	19.95R	20.03R	20.13R	20.11R	20.05R	1979
1980	20.18R	20.20R	20.17R	20.17R	20.15R	20.10R	20.08R	20.11R	20.12R	20.20R	20.22R	20.18R	20.16R	1980
1981	20.19R	20.35R	20.29R	20.75R	20.59R	20.39R	20.20R	20.07R	20.11R	20.11R	20.09R	20.16R	20.28R	1981
1982	20.12R	20.09R	20.09R	20.16R	20.14R	20.11R	20.06R	20.20R	20.22R	20.24R	20.27R	20.36R	20.17R	1982
1983	20.36R	20.36R	20.36R	20.30R	20.94R	20.61R	20.25R	20.27R	20.22R	20.24R	20.27R	20.30R	20.37R	1983
1984	20.28R	---	20.37R	20.51R	20.30R	20.28R	20.33R	20.18R	20.27R	20.26R	20.26R	---	---	1984
1985	20.38R	20.35R	---	20.49R	20.39R	20.21R	---	20.24R	20.22R	20.27R	20.34R	20.40R	---	1985
1986	20.37R	20.39R	---	20.56R	20.60R	20.39R	20.32R	20.33R	20.39R	20.35R	---	20.39R	---	1986
1987	20.39	20.41	20.47	20.42	20.33	20.30	20.28	20.24	20.28	20.30	20.33	---	---	1987
MOYEN	20.17	20.17	20.17	20.37	20.35	20.23	20.13	20.13	20.15	20.15	20.15	20.14	20.17	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 99.28 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 35 23
LONG 075 25 23

BASSIN VERSANT, 9 560 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 01 1988

LIEVRE (RIVIERE DU) EN AVAL DE LA CENTRALE DE BUCKINGHAM - STATION NO. 02LF016

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	21.03 LE 01 AVR *	19.87 LE 04 JAN	1976
1977	---	---	---	1977
1978	---	20.70 LE 14 FEV	19.81 LE 02 JUL *	1978
1979	---	20.82 LE 01 MAI	19.87 LE 31 JAN	1979
1980	---	20.79 LE 22 MAI	20.03 LE 1. JAN	1980
1981	---	21.03 LE 20 AVR	19.90 LE 27 NOV	1981
1982	---	20.82 LE 19 AVR	19.81 LE 03 AVR	1982
1983	---	21.03 LE 21 FEV	20.12 LE 31 OCT	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 99.28 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LIEVRE (RIVIERE DU) EN AVAL DE LA RIVIERE KIAMIKA - STATION NO. 02LE011

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1941	---	---	---	---	18.58	18.64	18.47	17.92	17.56	18.08	19.18	18.89	---	1941
1942	---	---	---	18.32	19.12	18.82	18.21	17.44	17.33	17.38	18.04	17.72	---	1942
1943	---	---	---	18.35	19.48	18.90	18.43	17.69	17.42	17.34	17.43	17.64	---	1943
1944	---	---	---	17.48	18.39	17.51	17.53	17.43	17.35	17.46	17.75	17.68	---	1944
1945	---	---	---	18.77	18.56	18.67	18.15	17.31	17.32	17.33	17.62	17.49	---	1945
1946	---	---	---	18.08	18.99	18.70	18.39	17.41	17.26	17.56	17.97	17.99	---	1946
1947	---	---	17.13	18.53	20.11	19.38	18.37	17.87	17.38	17.36	16.99	17.10	---	1947
1948	---	---	17.10	18.14	18.43	18.13	18.21	17.74	16.96	---	---	---	---	1948
1949	---	---	---	---	18.67	18.79	18.59	17.45	16.91	17.29	17.76	17.76	---	1949
1950	18.01	17.49	17.28	18.06	18.82	19.22	18.79	18.43	17.80	17.12	17.60	18.04	18.06	1950
1951	18.00	17.54	17.32	18.12	19.14	18.92	18.87	17.91	17.28	17.72	18.36	18.83	18.25	1951
1952	18.40	17.69	17.54	18.39	19.36	19.22	19.01	19.07	18.61	18.03	17.54	18.40	18.44	1952
1953	18.53	17.83	17.70	19.31	19.01	18.32	17.54	17.00	17.39	17.83	17.65	17.42	17.96	1953
1954	17.37	17.30	17.50	18.37	18.99	19.14	18.52	17.55	17.62	18.32	18.47	18.47	18.14	1954
1955	17.95	17.74	17.70	18.87	19.05	18.51	17.85	17.04	17.24	17.60	17.79	17.71	17.92	1955
1956	17.73	17.61	17.44	17.94	18.41	18.96	18.96	18.60	18.66	18.76	18.54	18.00	18.30	1956
1957	17.44	17.57	17.64	17.80	18.01	18.10	18.95	18.46	18.52	18.87	19.08	18.87	18.28	1957
1958	18.61	17.61	17.69	18.30	19.01	19.02	18.97	18.57	18.75	19.23	18.77	18.17	18.57	1958
1959	17.66	18.01	17.95	18.23	18.87	18.95	18.62	17.90	18.09	17.94	18.82	18.54	18.30	1959
1960	17.69	17.78	17.43	18.44	19.27	18.82	18.58	18.12	17.42	17.03	17.57	17.42	17.96	1960
1961	17.91	17.82	17.62	17.84	18.89	18.91	18.98	18.97	18.82	18.04	17.07	17.55	18.20	1961
1962	17.60	17.78	17.65	18.11	18.97	18.95	18.27	16.92	16.98	17.25	17.42	17.28	17.76	1962
1963	17.61	17.79	17.46	17.97	18.72	18.39	17.78	17.31	17.34	16.97	17.38	17.89	17.72	1963
1964	17.61	17.28	17.42	18.06	18.65	18.96	18.70	17.69	17.06	17.11	17.47	18.21	17.85	1964
1965	17.90	17.43	16.96	17.64	18.41	18.69	18.10	18.27	18.47	19.10	18.82	18.65	18.21	1965
1966	18.28	17.88	17.93	18.21	18.64	18.86	18.53	18.31	17.48	17.43	18.15	18.38	18.18	1966
1967	18.28	17.75	17.64	18.53	19.07	18.87	18.92	18.22	17.97	18.83	19.12	18.60	18.49	1967
1968	17.89	17.83	17.82	18.98	18.89	18.82	18.68	17.81	17.06	17.26	17.51	18.03	18.05	1968
1969	18.18	17.98	17.58	17.78	18.93	18.82	18.58	17.77	17.20	17.62	18.10	18.20	18.06	1969
1970	18.19	17.67	17.43	18.15	19.45	19.02	18.80	18.22	17.44	17.68	17.73	17.96	18.15	1970
1971	17.90	17.80	17.76	17.90	19.07	18.90	18.26	16.98	17.02	17.26	17.57	17.83	17.85	1971
1972	18.13	17.71	17.14	17.27	19.42	19.20	19.12	18.99	18.54	18.59	18.41	17.82	18.37	1972
1973	17.95	17.82	17.85	18.27	19.07	19.04	18.87	19.08	18.72	17.93	---	---	---	1973
MOYEN	17.95	17.70	17.53	18.23	18.92	18.79	18.50	17.92	17.67	17.79	17.99	18.02	18.13	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 21 45
LONG 075 26 56

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LIEVRE (RIVIERE DU) EN AVAL DE LA RIVIERE KIAMIKA - STATION NO. 02LE011

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	19.52 LE 05 JUN	16.95 LE 11 OCT	1950
1951	---	19.89 LE 17 AVR	17.22 LE 07 SEP	1951
1952	---	19.75 LE 23 MAI	17.32 LE 20 NOV	1952
1953	---	19.54 LE 05 AVR	16.93 LE 15 AOU	1953
1954	---	19.45 LE 12 JUN	17.24 LE 19 FEV	1954
1955	---	19.74 LE 22 AVR	16.97 LE 26 AOU	1955
1956	---	19.07 LE 15 JUL	17.21 LE 03 AVR	1956
1957	---	19.22 LE 29 SEP	17.31 LE 10 JAN	1957
1958	---	19.48 LE 18 OCT	17.33 LE 21 FEV	1958
1959	---	19.30 LE 29 NOV	17.50 LE 22 JAN	1959
1960	---	19.62 LE 17 MAI	16.81 LE 17 OCT	1960
1961	---	19.28 LE 19 MAI	16.91 LE 16 NOV	1961
1962	---	19.28 LE 06 MAI	16.63 LE 20 AOU	1962
1963	---	18.89 LE 29 MAI	16.81 LE 24 OCT	1963
1964	---	19.18 LE 14 JUN	16.84 LE 10 SEP	1964
1965	---	19.28 LE 26 OCT	16.77 LE 29 MAR	1965
1966	---	19.12 LE 28 MAI	17.01 LE 29 SEP	1966
1967	---	19.84 LE 23 OCT	17.55 LE 26 MAR	1967
1968	---	19.66 LE 18 AVR	16.84 LE 20 OCT	1968
1969	---	19.46 LE 21 MAI	16.85 LE 05 AVR	1969
1970	---	20.28 LE 05 MAI *	17.16 LE 24 SEP	1970
1971	---	19.21 LE 18 MAI	16.51 LE 21 AOU *	1971
1972	---	19.90 LE 19 MAI	16.86 LE 11 AVR	1972
1973	---	---	---	1973

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LONG (LAC) PRES DE LES ETROITS - STATION NO. 01AD008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	---	---	[illegible]	---	197.91	197.49	---	197.49	197.59	197.63	197.68	197.63	---	1972
1973	197.56	---		198.01	---	197.74	197.49	197.48	197.41	197.40	197.41	197.55	---	1973
1974	197.61	197.50	[illegible]	197.68	198.31	197.69	---	---	---	---	---	---	---	1974
MOYEN	197.59	197.50	197.37	197.85	198.11	197.64	197.49	197.49	197.50	197.51	197.54	197.59	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 23 27
LONG 068 53 54

BASSIN VERSANT, 108 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LONG (LAC) PRES DE LES ETROITS - STATION NO. 01AD008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974

PLAN DE REFERENCE - ARBITRAIRE

LOUIS (LAC) - STATION NO. 02RG015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1976	---	---	---	---	---	---	---	---	---	---	---	145.87R	---	1976
1977	145.84R	145.82R	145.80R	145.90R	145.81R	---	145.79R	145.81R	---	145.84R	146.16R	145.81R	---	1977
1978	145.78R	145.77R	---	---	145.84R	145.78R	145.79R	145.80R	145.81R	---	145.81R	---	---	1978
1979	145.79R	145.76R	145.78R	145.87R	---	---	145.83R	---	---	---	---	---	---	1979
1980	145.78R	145.75R	145.74R	---	145.75R	---	145.76R	---	145.84R	145.85R	---	---	---	1980
1981	---	145.82R	145.80R	145.91R	145.87R	145.89R	145.84R	145.83R	145.80R	145.79R	145.80R	---	---	1981
1982	---	---	---	145.78R	145.85R	145.80R	145.84R	145.84R	145.83R	145.86R	145.89R	145.89R	---	1982
1983	145.87R	145.85R	---	---	146.05R	145.98R	145.91R	145.84R	145.88R	---	---	---	---	1983
1984	---	---	---	---	---	145.88R	145.91R	145.91R	---	---	145.94R	145.93R	---	1984
1985	145.91	145.90	145.90	145.98	146.03	145.96	145.97	145.93	145.90	145.89R	145.90R	145.88R	145.93R	1985
1986	---	---	---	145.99	145.95	146.06	145.99	146.03	146.13	146.05R	145.99R	145.99R	---	1986
1987	145.97	145.94	145.90	145.92	145.86	145.83	145.86	145.85	145.85	145.89R	145.89R	145.88R	145.89R	1987
1988	145.86	145.84	145.83	145.88	145.79	145.80	145.84	145.85	145.86	145.89	145.92	---	---	1988
1989	---	---	---	145.88	145.93	145.91	145.88	145.89	145.95	146.01	145.94	---	---	1989
1990	145.96	145.96	---	---	145.99	146.02	---	146.02	146.06	---	---	---	---	1990
MOYEN	145.86	145.84	145.82	145.90	145.89	145.90	145.86	145.88	145.90	145.90	145.92	145.89	145.91	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 21 44 BASSIN VERSANT, 3.2 km²
LONG 071 34 38 DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

LOUIS (LAC) - STATION NO. 02RG015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	146.21 LE 27 AVR *	145.87 LE 08 OCT	1985
1986	---	---	---	1986
1987	---	146.15 LE 01 AVR	145.81 LE 07 JUN *	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LOUISE (LAC) - STATION NO. 02OE066

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1984	---	---	---	---	---	---	---	---	---	---	47.00R	47.00R	---	1984
1985	47.25	47.32	47.23	47.41	46.99	46.99	46.86	46.85	46.86	47.00R	47.18R	47.17R	47.09R	1985
1986	47.34	47.29	---	47.34	46.91	47.01	46.96	47.16	47.02	47.11R	47.09R	---	---	1986
1987	47.14	47.19	47.20	47.23	46.90	47.09	47.03	46.92	46.99	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	---	---	---	---	1988
1989	47.14	47.17	47.33	---	47.15	---	---	---	46.97	47.01	47.15	47.09	---	1989
1990	47.22	47.27	47.38	47.31	47.06	47.33	47.01	47.31	46.98	---	---	---	---	1990
MOYEN	47.22	47.25	47.29	47.32	47.00	47.10	46.97	47.06	46.96	47.04	47.11	47.10	47.09	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 195.80 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 44 15 BASSIN VERSANT, 1 860 km²
LONG 071 25 18 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

LOUISE (LAC) - STATION NO. 02OE066

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1984	---	---	---	1984
1985	---	48.03 LE 18 AVR *	46.61 LE 14 SEP *	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 195.80 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LOUP (RIVIERE DU) A LA ROUTE NO. 232 - STATION NO. 02PG001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	29.41	29.46	29.51	---	1982
1983	29.60	29.66	29.77	30.52	30.30	29.61	29.44	29.43	29.33	29.36	29.66	29.67	29.70	1983
1984	29.68	29.70	29.72	30.24	30.43	29.66	29.67	29.48	29.39	29.32R	29.42R	29.54R	29.69R	1984
1985	29.49	29.59	29.59	29.98	30.02	29.56	29.55	29.49	29.36	29.42R	29.41R	29.39R	29.57R	1985
1986	29.42	29.58	29.48	30.20	29.81	29.64	29.63	29.64	29.62	29.63R	29.57R	---	---	1986
1987	29.53	29.57	29.64	30.22	29.49	29.47	29.46	29.41	29.41	29.49R	29.53R	29.52R	29.56R	1987
1988	29.57	29.61	29.40	30.18	29.98	29.51	29.57	29.49	29.34	29.49	29.61	29.62	29.61	1988
1989	29.53	29.33	29.37	29.89	30.03	29.72	29.33	29.32	29.28	29.25	29.30	29.26	29.47	1989
1990	29.35	29.40	29.46	30.03	29.86	29.54	29.42	29.40	29.36	---	---	---	---	1990
MOYEN	29.52	29.56	29.55	30.16	29.99	29.59	29.51	29.46	29.39	29.42	29.50	29.50	29.60	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 60.95 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 49 21
LONG 069 31 14

BASSIN VERSANT, 1 050 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

LOUP (RIVIERE DU) A LA ROUTE NO. 232 - STATION NO. 02PG001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	31.70 LE 20 AVR *	29.14 LE 19 SEP *	1983
1984	---	31.31 LE 03 MAI	29.21 LE 24 SEP	1984
1985	---	30.71 LE 29 AVR	29.19 LE 23 SEP	1985
1986	---	---	---	1986
1987	---	31.54 LE 03 AVR	29.20 LE 07 SEP	1987
1988	---	30.43 LE 07 MAI	29.24 LE 04 SEP	1988
1989	---	30.46 LE 05 MAI	29.17 LE 25 DEC	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 60.95 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LOUP (RIVIERE DU) A SAINT-JOSEPH-DE-KAMOURASKA - STATION NO. 02PG006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	23.94	24.11	24.30	---	1982
1983	24.26	24.19	24.35	---	25.59	24.22	23.88	23.81	23.88	23.96	24.03	24.54	---	1983
1984	24.28	24.43	24.53	25.84	25.98	24.36	24.46	23.94	23.87	23.92R	24.18R	24.45R	24.52R	1984
1985	24.16	24.10	24.16	25.24	25.22	24.18	24.19	23.89	23.79	24.00R	24.09R	24.01R	24.25R	1985
1986	24.15	24.41	24.45	25.63	24.60	24.21	24.19	24.39	24.44	24.33R	24.24R	24.11R	24.43R	1986
1987	24.11	24.32	24.41	---	24.02	24.04	23.98	23.87	23.90	24.07R	24.17R	24.13R	---	1987
1988	24.02	24.14	24.17	25.61	24.96	24.02	24.06	23.86	23.82	24.09	24.37	24.13	24.27	1988
1989	24.06	24.06	24.22	25.09	25.00	24.35	23.80	23.74	23.70	23.80	23.95	23.94	24.14	1989
1990	24.09	24.07	24.33	25.28	24.62	24.15	23.88	23.82	23.85	---	---	---	---	1990
MOYEN	24.14	24.22	24.33	25.45	25.00	24.19	24.06	23.92	23.91	24.02	24.22	24.20	24.32	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 101.86 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 36 45
LONG 069 38 45

BASSIN VERSANT, 525 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

LOUP (RIVIERE DU) A SAINT-JOSEPH-DE-KAMOURASKA - STATION NO. 02PG006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	27.91 LE 02 MAI *	23.81 LE 19 SEP	1984
1985	---	27.00 LE 28 AVR	23.72 LE 25 SEP	1985
1986	---	27.76 LE 04 AVR	23.91 LE 31 JUL	1986
1987	---	---	---	1987
1988	---	26.89 LE 07 AVR	23.77 LE 13 SEP	1988
1989	---	26.39 LE 09 AVR	23.66 LE 17 SEP *	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 101.86 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LOUPS MARINS (LAC DES) - STATION NO. 03FA003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1974	---	---	---	---	---	---	---	28.92	28.64	28.59	---	---	---	1974
1975	---	---	---	---	---	---	29.40	29.57	29.42	---	---	---	---	1975
1976	---	---	---	---	---	---	29.21	29.06	28.94	28.73	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	28.83	28.76	---	---	1977
1978	---	---	---	27.61	---	28.08	28.36	28.80	---	29.37	29.15	28.91	---	1978
1979	---	---	---	27.71	27.88	29.64	30.01	29.43	29.11	29.15	29.16	---	---	1979
1980	---	28.34	28.01	27.81	28.25	29.20	29.45	29.20	28.91	28.91	28.94	28.86	---	1980
1981	28.53	28.26	28.06	27.88	27.80	28.71	29.80	29.40	28.86	28.77	28.72	---	---	1981
1982	---	---	---	---	27.95	28.91	29.41	29.39	29.15	28.96	28.85	28.71	---	1982
1983	28.47	28.22	27.97	27.78	28.22	29.17	29.38	---	---	---	---	28.84	---	1983
1984	---	28.21	---	27.81	28.16	28.86	29.17	29.41	29.39	29.60R	29.50R	29.19R	---	1984
1985	28.80	---	---	27.90	27.78	28.78	29.23	28.95	28.82	28.97R	29.03R	28.88R	---	1985
1986	28.55	28.25	28.00	27.80	27.97	28.91	29.15	29.05	29.09	29.16R	28.96R	28.65R	28.63R	1986
1987	28.34	28.07	27.84	27.68	28.07	29.26	29.37	29.17	29.14	29.10R	29.04R	28.86R	28.67R	1987
1988	---	---	---	27.86	28.27	29.36	29.44	29.18	29.06	28.99	28.95	28.75	---	1988
1989	28.44	---	---	27.70	27.68	28.70	29.13	28.84	28.49	28.44	28.49	28.40	---	1989
1990	28.16	27.91	27.70	27.56	27.66	28.85	29.32	29.18	29.11	---	---	---	---	1990
MOYEN	28.47	28.18	27.93	27.76	27.97	28.96	29.32	29.17	29.01	28.97	28.96	28.81	28.65	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 56 25 18
LONG 074 00 00

BASSIN VERSANT, 8 390 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

LOUPS MARINS (LAC DES) - STATION NO. 03FA003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	29.22 LE 05 OCT	27.71 LE 08 MAI	1986
1987	---	29.50 LE 24 JUN *	27.65 LE 15 AVR *	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LOVERING (LAC) - STATION NO. 02OE015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	242.25	242.09	242.04	---	---	241.67	241.43	---	1965
1966	241.04	240.84	241.14	242.08	---	242.01	---	241.85	---	240.99	---	241.24	---	1966
1967	---	---	241.72	242.19	---	---	241.98	241.88	---	---	241.35	241.17	---	1967
1968	240.95	240.83	241.17	242.13	---	---	241.87	241.77	241.67	241.49	241.25	241.47	---	1968
1969	---	---	---	242.31	242.24	242.07	242.01	241.99	241.86	241.49	241.43	---	---	1969
1970	---	---	---	---	---	---	241.85	241.74	---	---	241.13	---	---	1970
1971	---	241.97	241.88	---	242.04	241.81	---	---	---	---	---	---	---	1971
1972	---	242.08	242.16	242.13	242.30	242.03	242.04	---	---	---	241.94	242.05	---	1972
1973	---	241.96	242.03	242.02	242.11	241.99	---	---	241.76	241.33	241.23	241.84	---	1973
1974	242.02	241.97	242.05	242.28	242.19	241.99	242.07	241.90	241.79	241.65	241.87	241.71	241.96	1974
1975	241.66	241.63	241.72	241.93	241.99	---	---	---	241.58	---	---	---	---	1975
1976	---	241.58	---	---	---	241.89	241.94	241.96	---	241.82	241.77	241.68	---	1976
1977	241.59	241.57	241.75	241.90	241.97	241.92	241.88	241.83	241.84	241.84	241.90	241.80	241.82	1977
1978	241.84	---	---	241.79	241.93	241.98	241.87	241.88	241.78	241.79	241.78	241.79	---	1978
1979	---	---	---	241.91	241.91	---	---	241.79	---	---	---	241.89	---	1979
1980	241.68	241.55	---	241.77	241.90	241.88	241.83	241.80	241.80	241.84	241.82	241.76	---	1980
1981	241.58	241.74	241.63	241.88	241.98	241.97	241.82	241.93	241.89	241.94	242.00	241.88	241.85	1981
1982	241.83	241.79	241.84	242.12	241.92	241.90	---	---	---	---	---	---	---	1982
MOYEN	241.58	241.63	241.74	242.03	242.04	241.98	241.94	241.87	241.77	241.62	241.63	241.67	241.88	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 08 48 BASSIN VERSANT, 36.5 km²
LONG 072 09 15 REGULARISE

LOVERING (LAC) - STATION NO. 02OE015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	242.40 LE 06 AVR *	241.58 LE 12 OCT	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	242.09 LE 03 OCT	241.55 LE 05 MAR	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	242.32 LE 30 OCT	241.51 LE 26 MAR *	1981
1982	---	---	---	1982

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LUDGER (LAC) AU BARRAGE LUDGER - STATION NO. 02LC010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	377.44	377.31	376.77	377.14	377.34	377.29	377.24	377.15	377.18	377.02	377.37	377.42	377.22	1963
1964	377.37	377.00	376.71	377.07	377.43	377.34	376.90	376.69	376.56	376.36	376.27	376.36	376.84	1964
1965	376.79	377.05	376.52	376.92	377.45	377.32	377.20	377.25	377.40	377.41	377.38	377.38	377.17	1965
1966	377.41	377.35	376.83	376.79	377.26	377.35	377.18	377.07	377.17	377.26	377.25	377.25	377.18	1966
1967	375.32	375.22	374.41	375.05	375.35	375.43	375.36	375.28	374.70	375.17	375.24	375.22	375.14	1967
1968	375.20	374.90	374.52	375.45	375.38	375.42	375.41	375.43	375.30	374.56	374.82	375.16	375.13	1968
1969	377.07	376.77	376.17	376.88	377.25	377.35	377.36	377.36	377.35	376.67	377.32	377.25	377.07	1969
1970	377.07	376.88	376.66	376.69	376.96	377.10	377.35	377.13	376.82	377.31	377.09	377.46	377.05	1970
1971	375.26	374.56	374.62	374.74	375.36	375.45	375.47	375.45	375.45	375.39	375.26	375.24	375.19	1971
1972	375.17	375.44	375.42	374.76	375.51	375.53	375.51	375.43	375.33	375.15	375.08	375.32	375.30	1972
1973	375.18	375.28	374.90	374.97	375.30	375.48	375.44	375.47	375.43	375.32	375.06	375.46	375.28	1973
1974	375.44	375.59	375.03	374.88	375.47	375.49	375.50	375.40	375.45	375.53	375.53	375.52	375.40	1974
1975	375.48	375.48	374.93	374.80	375.46	375.50	375.46	375.29	375.20	375.40	375.41	375.43	375.32	1975
1976	375.42	375.37	375.02	375.26	375.39	375.57	375.49	375.46	375.49	375.50	375.50	375.49	375.41	1976
1977	375.39	375.47	374.87	---	375.49	375.54	375.52	---	375.46	375.27	---	375.51	---	1977
1978	375.48	375.41	374.76	374.73	375.35	375.43	375.46	375.40	374.96	374.67	375.14	375.42	375.18	1978
1979	---	375.49	374.99	374.94	375.41	375.40	375.44	375.47	375.43	---	375.45	375.43	---	1979
1980	375.32	375.23	375.04	375.20	375.44	375.48	375.47	375.37	374.82	375.43	375.44	375.37	375.30	1980
1981	375.42	375.55	---	375.37	375.38	375.45	375.43	---	375.46	375.48	375.51	375.34	---	1981
1982	375.22	375.06	374.74	374.88	375.32	375.44	375.45	375.39	375.48	375.54	375.50	375.48	375.29	1982
1983	375.45	375.39	375.20	375.11	375.45	375.41	375.40	375.41	375.05	375.36	375.40	375.38	375.34	1983
1984	375.38	375.37	375.21	375.26	375.45	375.44	375.47	375.47	375.44	375.33R	375.45R	375.44R	375.39R	1984
1985	375.36	375.28	375.26	375.12	375.47	375.50	375.45	375.31	375.18	375.37R	375.36R	375.28R	375.33R	1985
1986	375.27	375.44	375.27	375.35	375.44	375.43	375.41	375.45	375.48	375.47R	375.30R	375.40R	375.39R	1986
1987	375.34	375.29	375.22	---	375.46	375.44	375.39	375.25	375.38	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	---	---	---	---	1988
1989	375.39	375.30	374.81	374.94	375.40	375.43	375.42	375.29	375.24	375.43	375.39	375.41	---	1989
										375.38	375.40	375.35	375.28	
1990	375.44	375.33	374.84	374.86	375.43	375.45	375.44	375.42	375.33	---	---	---	---	1990
MOYEN	375.77	375.69	375.34	375.49	375.83	375.87	375.84	375.80	375.69	375.71	375.76	375.80	375.78	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 07 07 BASSIN VERSANT, 39.1 km²
LONG 074 16 35 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

LUDGER (LAC) AU BARRAGE LUDGER - STATION NO. 02LC010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	377.65 LE 22 AVR	376.52 LE 22 MAR	1963
1964	---	377.66 LE 24 AVR	376.25 LE 21 OCT	1964
1965	---	377.56 LE 24 OCT	376.28 LE 24 MAR	1965
1966	---	377.56 LE 12 DEC	376.45 LE 13 AVR	1966
1967	---	375.72 LE 17 JUN	374.32 LE 22 MAR *	1967
1968	---	375.58 LE 09 AVR	374.37 LE 19 MAR	1968
1969	---	377.53 LE 30 AVR	376.14 LE 10 MAR	1969
1970	---	377.71 LE 02 MAI *	376.34 LE 10 AVR	1970
1971	---	375.61 LE 27 MAI	374.43 LE 05 AVR	1971
1972	---	375.85 LE 23 JUN	374.58 LE 13 AVR	1972
1973	---	375.65 LE 07 SEP	374.62 LE 15 AVR	1973
1974	---	375.63 LE 23 FEV	374.48 LE 04 AVR	1974
1975	---	375.65 LE 09 JUN	374.52 LE 02 AVR	1975
1976	---	375.77 LE 27 JUN	374.84 LE 26 MAR	1976
1977	---	---	---	1977
1978	---	375.65 LE 21 JUN	374.42 LE 30 SEP	1978
1979	---	---	---	1979
1980	---	375.65 LE 16 AVR	374.54 LE 11 SEP	1980
1981	---	---	---	1981
1982	---	375.89 LE 28 AVR	374.44 LE 13 AVR	1982
1983	---	375.65 LE 06 NOV	374.72 LE 08 AVR	1983
1984	---	375.71 LE 16 AOU	374.74 LE 03 AVR	1984
1985	---	375.72 LE 27 AVR	374.71 LE 14 AVR	1985
1986	---	375.95 LE 13 SEP	374.80 LE 30 MAR	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	375.88 LE 19 AVR	374.49 LE 26 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MACAMIC (LAC) A MACAMIC - STATION NO. 04MA001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1941	---	---	---	---	---	---	---	---	---	280.23	280.36	279.97	---	1941
1942	279.65	279.51	279.29	279.58	---	279.60	---	278.75	278.84	279.69	280.01	279.66	---	1942
1943	279.39	279.18	279.04	---	279.82	279.81	279.26	278.74	278.92	278.98	279.17	279.05R	---	1943
1944	278.95	278.93	279.00	279.01	279.68	279.20	278.67	279.24	---	279.59	279.87	---	---	1944
1945	---	---	279.06	279.84	279.52	279.61	279.51	279.55	279.10	279.03	279.61	279.40	---	1945
1946	279.04	278.87	278.96	279.94	279.86	279.59	279.30	278.68	278.74	278.53	278.70	278.93	279.09	1946
1947	278.97	278.81	---	279.59	280.28	279.65	279.08	278.58	278.76	279.32	278.91	278.69	---	1947
1948	278.44	278.37	278.33	279.15	279.63	279.20	278.83	278.78	278.76	278.54	278.71	279.18	278.83	1948
1949	279.12	278.94	278.74	279.37	279.90	279.83	279.46	279.01	278.81	278.68	278.70	278.65	279.10	1949
1950	278.61	278.58	278.49	---	279.89	279.60	279.57	---	278.79	278.76	279.59	279.68	---	1950
1951	279.36	278.97	278.72	279.65	279.42	279.32	279.30	279.09	278.84	279.18	279.70	279.71	279.27	1951
1952	279.60	---	279.14	279.46	279.62	279.41	279.42	279.44	279.44	279.50	279.78	279.71	---	1952
1953	279.60	279.39	279.33	279.80	279.34	279.14	278.84	278.56	278.72	279.25	279.32	279.67	279.25	1953
1954	279.44	279.21	279.14	279.42	279.40	279.31	279.25	279.21	279.04	279.53	279.59	279.66	279.35	1954
1955	279.44	279.17	278.93	279.31	279.30	---	278.87	278.64	278.62	279.27	279.57	279.61	---	1955
1956	279.41	279.17	278.87	278.90	---	279.34	279.28	279.17	279.24	279.38	279.31	279.20	---	1956
1957	278.96	278.75	278.57	278.97	279.44	279.31	279.41	279.00	278.71	278.65	279.03	279.51	279.03	1957
1958	279.52	279.26	279.02	279.20	279.33	279.27	279.30	279.23	279.32	279.53	279.58	279.55	279.34	1958
1959	279.28	278.95	278.65	278.69	279.64	279.31	278.98	278.59	---	279.66	279.72	279.76	---	1959
1960	279.56	279.34	279.04	279.30	280.29	279.51	279.44	279.40	279.30	279.48	279.76	279.72	279.51	1960
1961	279.41	279.13	278.87	279.12	279.50	279.39	279.29	279.13	279.44	279.51	279.70	279.81	279.36	1961
1962	279.78	279.62	279.36	279.44	279.54	279.32	279.12	279.18	279.31	279.23	279.20	279.18	279.36	1962
1963	279.06	278.96	278.90	278.94	279.36	279.43	279.29	279.38	279.48	279.46	279.64	279.64	279.30	1963
1964	279.52	279.42	279.17	279.37	279.54	279.45	279.02	278.85	279.11	279.27	279.36	279.33	279.28	1964
1965	279.13	278.93	278.88	278.75	279.68	278.92	279.07	279.25	279.35	279.26	278.93	278.96	279.10	1965
1966	278.98	279.05	279.08	279.13	279.38	279.05	279.10	279.20	278.91	278.99	278.80	278.61	279.02	1966
1967	278.51	278.49	278.61	279.25	279.78	279.06	278.71	278.68	278.73	279.29	---	---	---	1967
1968	---	---	278.39	278.44	278.94	278.76	278.98	278.99	279.02	279.18	279.02	278.79	---	1968
1969	278.65	278.60	278.46	278.60	279.34	278.93	278.60	278.86	---	---	279.51	278.89	---	1969
1970	278.28	278.15	278.13	278.15	278.85	279.34	278.86	278.46	278.55	278.78	278.87	278.97	278.62	1970
1971	278.89	278.80	278.72	278.95	279.54	279.20	278.98	---	---	---	279.28	278.95	---	1971
1972	279.01	278.92	278.78	278.69	279.37	279.41	278.94	278.74	278.87	279.49	279.07	278.43	278.98	1972
1973	---	---	---	---	279.32	279.14	279.16	279.10	279.23	278.84	279.38	279.57	---	1973
1974	279.53	279.46	279.36	279.35	279.73	279.13	279.05	278.69	278.97	279.35	278.95	278.57	279.18	1974
1975	278.60	278.69	278.73	279.02	279.51	279.57	278.89	---	---	278.59	279.18	278.68	---	1975
1976	278.76	278.78	278.80	279.21	279.59	279.25	279.32	279.41	279.35	279.11	279.10	279.26	279.16	1976
1977	279.32	279.32	279.34	279.56	279.32	279.34	279.08	279.10	279.17	279.25	279.41	279.04	279.27	1977
1978	279.06	279.04	278.97	279.02	279.68	279.31	279.30	278.91	278.97	279.14	278.96	278.98	279.11	1978
1979	278.86	278.64	---	278.96	279.81	279.36	278.88	278.88	278.55	278.81	278.92	278.82	---	1979
1980	278.85	278.92	278.94	279.40	279.30	279.06	279.23	279.21	279.29	---	278.97	278.90	---	1980
1981	---	---	278.82	---	---	279.16	279.32	279.27	279.25	279.28	279.08	278.97	---	1981
1982	279.02	278.98	278.98	279.28	279.51	279.26	279.33	279.28	279.30	279.20	279.15	279.11	279.20	1982
1983	278.98	278.91	278.91	278.96	279.60	279.26	279.23	279.11	279.24	279.36	279.20	279.13	279.16	1983
1984	278.91	278.83	278.85	279.27	279.22	279.24	279.28	279.15	279.07	279.30R	279.29R	279.28R	279.14R	1984
1985	279.06	278.81	278.72	279.02	279.41	279.35	279.21	278.88	278.94	279.24R	279.38R	279.15R	279.10R	1985
1986	279.04	278.97	278.93	279.17	279.46	279.19	279.24	278.94	278.94	278.96R	278.73R	278.74R	279.03R	1986
1987	278.84	278.82	278.81	278.94	279.05	278.98	279.09	278.93	278.94	279.14R	278.96R	278.94R	278.95R	1987
1988	278.95	278.89	278.86	279.39	279.36	279.03	279.25	279.30	279.08	279.13	279.01	278.69	279.08	1988
1989	278.60	278.50	278.43	278.60	279.79	279.32	279.04	279.13	279.05	279.14	279.00	278.63	278.94	1989
1990	278.82	279.02	279.14	278.88	279.52	279.08	279.16	279.10	279.10	---	---	---	---	1990
MOYEN	279.08	278.96	278.88	279.14	279.53	279.30	279.14	279.02	279.03	279.20	279.27	279.18	279.14	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 46 40
LONG 079 00 45

BASSIN VERSANT, 1 220 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

MACANIC (LAC) A MACANIC - STATION NO. 04MA001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	280.58 LE 27 MAI	278.40 LE 25 OCT	1947
1948	---	---	---	1948
1949	---	280.00 LE 28 AVR	278.31 LE 17 MAR	1949
		280.29 LE 25 AVR	278.59 LE 22 OCT	
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	280.21 LE 16 AVR	278.64 LE 27 MAR	1952
1953	---	---	---	1953
1954	---	280.01 LE 12 AVR	278.28 LE 06 SEP	1954
		279.83 LE 23 AVR	278.89 LE 13 SEP	
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	280.36 LE 28 AVR	278.46 LE 03 AVR	1958
1959	---	279.68 LE 11 OCT	278.89 LE 30 MAR	1959
1960	---	---	---	1960
1961	---	280.94 LE 10 MAI *	278.90 LE 03 AVR	1961
1962	---	279.84 LE 18 DEC	278.75 LE 11 AVR	1962
1963	---	279.92 LE 05 MAI	279.02 LE 03 AOU	1963
1964	---	279.80 LE 16 SEP	278.89 LE 05 MAR	1964
		280.20 LE 28 AVR	278.65 LE 09 AOU	
1965	---	---	---	1965
1966	---	279.96 LE 18 MAI	278.60 LE 19 AVR	1966
1967	---	279.48 LE 25 MAI	278.55 LE 30 DEC	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	279.58 LE 05 JUN	278.13 LE 14 MAR *	1971
1972	---	---	---	1972
1973	---	279.84 LE 24 OCT	278.30 LE 24 DEC	1973
1974	---	---	---	1974
		280.19 LE 02 MAI	278.48 LE 20 DEC	
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	280.32 LE 24 AVR	278.73 LE 01 JAN	1977
1978	---	280.37 LE 25 AVR	278.97 LE 19 JUL	1978
1979	---	280.13 LE 15 MAI	278.81 LE 28 AOU	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	279.96 LE 31 MAR	278.94 LE 09 MAR	1983
1984	---	279.85 LE 06 MAI	278.83 LE 27 AVR	1984
		279.72 LE 21 AVR	278.78 LE 11 FEV	
1985	---	---	---	1985
1986	---	280.09 LE 28 AVR	278.67 LE 27 MAR	1986
1987	---	279.76 LE 04 MAI	278.64 LE 01 DEC	1987
1988	---	279.38 LE 10 OCT	278.79 LE 24 MAR	1988
1989	---	279.69 LE 18 AVR	278.60 LE 14 DEC	1989
		280.05 LE 09 MAI	278.41 LE 23 MAR	
1990	---	---	---	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MADAWASKA (RIVIERE) AU RESERVOIR TEMISCOUATA - STATION NO. 01AD005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	26.77	26.41	25.49	25.81	---	26.81	26.69	26.44	26.21	26.34	26.82	26.82	---	1966
1967	26.77	26.29	25.28	24.94	26.42	26.78	26.81	26.79	26.81	26.80	26.80	26.81	26.44	1967
1968	26.51	26.00	25.14	26.43	26.78	26.68	26.44	26.23	26.04	25.55	25.46	25.46	26.06	1968
1969	25.43	25.47	25.09	25.21	27.62	26.76	26.69	26.52	26.42	26.56	26.74	26.81	26.28	1969
1970	26.61	26.28	25.58	25.28	27.06	26.71	26.73	26.16	26.11	26.72	26.78	26.57	26.38	1970
1971	26.44	25.97	25.24	25.11	26.94	26.60	26.71	26.63	26.80	26.81	26.73	26.68	26.39	1971
1972	26.73	26.10	25.52	25.42	27.17	26.88	26.81	26.63	26.76	26.81	26.75	26.79	26.53	1972
1973	26.62	26.80	25.99	26.08	27.66	26.77	26.69	26.66	26.52	26.39	26.58	26.89	26.64	1973
1974	26.61	25.99	25.42	25.37	28.10	26.86	26.65	26.52	---	---	---	---	---	1974
MOYEN	26.50	26.15	25.42	25.52	27.22	26.76	26.69	26.51	26.46	26.50	26.58	26.60	26.39	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 34 14
LONG 068 38 35

BASSIN VERSANT, 2 590 km²
REGULARISE

DONNEES FOURNIES PAR -
HYDRO-QUEBEC

MADAWASKA (RIVIERE) AU RESERVOIR TEMISCOUATA - STATION NO. 01AD005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	26.82 LE 01 JAN	24.83 LE 05 AVR	1967
1968	---	27.80 LE 29 AVR	24.95 LE 22 MAR	1968
1969	---	28.64 LE 16 MAI *	24.80 LE 08 AVR	1969
1970	---	27.43 LE 09 MAI	24.92 LE 13 AVR	1970
1971	---	27.48 LE 14 MAI	24.78 LE 09 AVR *	1971
1972	---	27.93 LE 25 MAI	25.28 LE 12 AVR	1972
1973	---	28.35 LE 06 MAI	25.51 LE 16 AVR	1973
1974	---	---	---	1974

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MAGANASIPI (RIVIERE) AU LAC JOHNSON - STATION NO. 02KA013

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	28.42R	28.56R	28.72R	---	1982
1983	28.58R	28.41R	28.50R	---	---	28.58R	28.32R	28.25R	28.28R	28.50R	28.54R	28.46R	---	1983
1984	28.37R	28.41R	28.39R	28.91R	28.78R	28.63R	28.57R	28.43R	28.41R	28.46R	28.69R	28.58R	28.55R	1984
1985	28.43	28.36	28.42	29.05	28.86	28.41	28.70	28.56	28.47	28.44R	28.55R	28.47R	28.56R	1985
1986	28.37	28.33	28.36	29.05	28.70	28.54	28.37	28.53	28.34	28.45R	28.41R	28.37R	28.49R	1986
1987	28.32	28.35	28.35	28.82	28.46	28.37	28.30	28.30	28.22	28.28R	28.43R	28.39R	28.38R	1987
1988	28.32	28.33	28.32	29.00	28.72	28.36	28.31	28.43	28.40	28.61	28.70	28.48	28.50	1988
1989	28.37	28.34	28.37	28.83	28.90	28.53	28.31	28.23	28.20	28.27	28.52	28.39	28.44	1989
1990	28.36	28.35	28.54	28.85	28.77	28.45	28.37	28.26	28.37	---	---	---	---	1990
MOYEN	28.39	28.35	28.41	28.93	28.74	28.48	28.41	28.37	28.34	28.43	28.55	28.48	28.49	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 19 54
LONG 078 20 54

BASSIN VERSANT, 575 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

MAGANASIPI (RIVIERE) AU LAC JOHNSON - STATION NO. 02KA013

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	29.30 LE 19 AVR	28.33 LE 01 FEV	1984
1985	---	30.46 LE 26 AVR *	28.31 LE 04 JUL	1985
1986	---	29.51 LE 03 AVR	28.29 LE 13 JUL	1986
1987	---	29.07 LE 11 AVR	28.29 LE 18 SEP	1987
1988	---	29.42 LE 08 AVR	28.27 LE 22 JUN	1988
1989	---	29.14 LE 09 MAI	28.16 LE 22 SEP *	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MAGPIE (RIVIERE) A LA SORTIE DU LAC MAGPIE - STATION NO. 02VB004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	27.70	27.84	27.44	---	1982
1983	27.26	27.17	27.06	27.83	29.61	28.84	28.12	27.96	28.42	28.28	27.80	27.56	28.00	1983
1984	27.32	27.14	27.07	27.14	29.20	29.23	28.26	27.80	27.63	27.76R	27.54R	27.42R	27.79R	1984
1985	27.22	27.08	27.01	26.97	28.00	29.03	28.11	27.95	27.72	27.95R	27.62R	27.27R	27.66R	1985
1986	27.15	27.23	27.05	27.22	29.13	28.27	28.19	27.89	28.06	28.11R	27.58R	27.29R	27.77R	1986
1987	27.12	26.98	26.87	27.92	28.35	28.06	27.88	28.36	28.03	28.03R	27.90R	27.60R	27.76R	1987
1988	27.27	27.14	27.04	27.11	28.97	28.79	28.11	27.49	27.56	28.09	28.02	27.36	27.75	1988
1989	27.15	27.02	26.92	26.95	28.76	28.52	27.95	28.23	28.11	28.13	28.13	27.53	27.79	1989
1990	27.22	27.07	26.97	26.99	28.76	28.54	28.02	27.61	27.52	---	---	---	---	1990
MOYEN	27.21	27.10	27.00	27.27	28.85	28.66	28.08	27.91	27.88	28.01	27.80	27.43	27.79	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 50 41 09
LONG 064 34 51

BASSIN VERSANT, 7 230 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

MAGPIE (RIVIERE) A LA SORTIE DU LAC MAGPIE - STATION NO. 02VB004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	30.10 LE 03 MAI 30.25 LE 28 MAI *	27.01 LE 10 MAR 27.02 LE 06 AVR	1984
1985	---	29.78 LE 05 JUN	26.94 LE 15 AVR	1985
1986	---	29.42 LE 20 MAI	26.95 LE 08 AVR	1986
1987	---	28.74 LE 07 AOU	26.84 LE 23 MAR *	1987
1988	---	29.92 LE 25 MAI	26.99 LE 26 MAR	1988
1989	---	29.56 LE 21 MAI	26.89 LE 25 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MANICOUAGAN (RIVIERE) A LA CENTRALE NO. 5 - STATION NO. 02TC004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	355.89	356.11	356.09	---	1982
1983	355.83	355.44	354.98	354.55	356.16	357.04	357.31	357.47	357.68	357.56	357.07	356.39	356.46	1983
1984	355.43	354.26	353.13	352.20	352.92	354.61	355.37	355.81	355.82	355.81	355.40	354.75	354.63	1984
1985	354.00	353.23	352.67	351.95	351.57	352.98	353.33	353.49	353.22	353.05	352.83	352.06	352.86	1985
1986	351.09	350.05	---	348.32	349.84	351.29	351.93	352.17	352.51	352.90	352.56R	351.82R	---	1986
1987	350.86	349.67	348.47	348.29	349.35	350.14	350.42	350.97	351.53	351.54	351.23	350.56	350.26	1987
1988	---	---	---	---	---	---	---	348.99	349.13	349.44	349.57	349.09	---	1988
1989	348.08	347.02	---	---	---	---	---	---	---	347.16	347.42	346.69	---	1989
1990	345.90	345.38	344.80	344.13	345.06	347.13	348.06	348.73	349.31	---	---	---	---	1990
MOYEN	351.60	350.72	350.81	349.91	350.82	352.20	352.74	352.52	352.74	352.92	352.77	352.18	353.55	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 50 38 40 LONG 068 43 30 — BASSIN VERSANT, 29 300 km² REGULARISE — DONNEES FOURNIES PAR - HYDRO-QUEBEC — R - REVISEE DEPUIS JAN 01 1988

MANICOUAGAN (RIVIERE) A LA CENTRALE NO. 5 - STATION NO. 02TC004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	357.94 LE 27 SEP *	354.36 LE 18 AVR	1983
1984	---	355.95 LE 01 JAN	351.91 LE 29 AVR	1984
1985	---	354.43 LE 01 JAN	351.27 LE 16 MAI *	1985
1986	---	---	---	1986
1987	---	351.66 LE 18 SEP	347.94 LE 01 AVR *	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MANITOU (LAC) AU BARRAGE MANITOU - STATION NO. 02LC013

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	333.09	333.09	332.88	332.99	333.14	333.06	389.78	389.85	389.90	389.88	389.90	389.85	361.68	1963
1964	389.75	389.61	389.54	389.76	389.91	389.84	389.66	389.58	389.52	389.42	389.40	389.55	389.63	1964
1965	389.68	389.70	389.61	389.64	389.99	389.86	389.82	389.91	389.94	389.97	389.94	389.90	389.83	1965
1966	389.92	389.91	389.85	389.78	389.89	389.90	389.80	389.79	389.74	389.75	389.91	389.98	389.85	1966
1967	389.60	389.56	389.52	389.53	389.55	389.65	389.61	389.55	389.55	389.64	389.65	389.64	389.57	1967
1968	389.65	389.49	389.34	389.63	389.60	389.66	389.61	389.49	389.48	389.52	389.58	389.62	389.55	1968
1969	389.55	389.39	389.27	389.52	389.67	389.65	389.62	389.62	389.53	389.44	389.58	389.63	389.54	1969
1970	389.50	389.50	389.43	389.44	389.64	389.51	389.43	389.36	389.31	389.45	389.60	389.65	389.49	1970
1971	389.58	389.40	389.35	389.37	389.69	389.58	389.52	389.59	389.66	389.53	389.59	389.66	389.54	1971
1972	389.62	389.61	389.60	389.47	389.73	389.73	389.67	389.62	389.57	389.61	389.62	389.60	389.62	1972
1973	389.59	389.56	389.52	389.63	389.61	389.62	389.63	389.58	389.59	389.62	389.64	389.66	389.60	1973
1974	389.59	389.66	389.58	389.45	389.59	389.69	389.62	389.57	389.48	389.49	389.54	389.54	389.57	1974
1975	389.48	389.46	389.41	389.44	389.66	389.61	389.52	---	---	389.43	389.55	389.59	---	1975
1976	---	---	389.60	389.65	389.53	389.57	389.63	389.62	389.65	389.64	389.61	389.60	---	1976
1977	389.58	389.58	389.62	389.63	389.56	---	389.62	389.68	389.69	389.69	389.62	389.60	---	1977
1978	389.60	389.52	389.35	389.41	389.66	389.68	389.71	389.70	389.64	389.66	389.69	389.71	389.61	1978
1979	---	389.57	389.47	389.57	389.64	389.63	389.63	389.60	389.64	389.67	389.66	389.63	---	1979
1980	389.63	389.59	389.55	389.66	389.66	389.66	389.68	389.62	---	389.67	389.67	389.65	---	1980
1981	---	389.69	389.51	389.64	389.61	389.60	---	389.56	389.56R	---	389.57	389.51	---	1981
1982	389.50	389.48	389.44	389.56	389.60	389.61	389.61	389.52	389.55	389.57	389.55	389.53	389.54	1982
1983	389.53	389.52	389.50	389.56	389.64	389.50	389.44	389.40	389.36	389.48	389.59	389.59	389.51	1983
1984	389.57	389.58	389.51	389.62	389.67	389.67	389.68	389.67	389.64	389.64R	389.67R	389.65R	389.63R	1984
1985	389.63	389.59	389.52	389.56	389.66	389.61	389.64	389.57	389.52	---	389.60R	389.62R	---	1985
1986	389.60	389.46	389.46	389.62	389.64	389.62	389.59	389.61	389.63	389.62R	389.60R	389.56R	389.59R	1986
1987	389.52	389.50	389.49	389.62	389.61	389.65	389.66	389.57	389.55	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	---	389.59	389.56	---	1988
1989	389.58	389.56	389.37	389.43	389.57	389.63	389.60	389.57	389.55	389.56	389.60	389.58	389.55	1989
1990	389.59	389.55	389.46	389.51	389.60	389.59	389.63	389.60	389.56	---	---	---	---	1990
MOYEN	387.25	387.39	387.38	387.47	387.57	387.48	389.63	389.61	389.59	389.61	389.64	389.64	388.05	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 04 30 LONG 074 20 14 — BASSIN VERSANT, 26.4 km² REGULARISE — R - REVISEE DEPUIS JAN 01 1988

MANITOU (LAC) AU BARRAGE MANITOU - STATION NO. 02LC013

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	389.96 LE 11 NOV	332.78 LE 26 MAR *	1963
1964	---	390.04 LE 24 AVR	389.39 LE 26 OCT	1964
1965	---	390.10 LE 05 MAI *	389.48 LE 07 AVR	1965
1966	---	390.09 LE 12 DEC	389.44 LE 11 AVR	1966
1967	---	389.78 LE 18 JUN	389.39 LE 11 MAR	1967
1968	---	389.71 LE 15 AVR	389.37 LE 13 MAR	1968
1969	---	389.75 LE 29 AVR	389.25 LE 15 MAR	1969
1970	---	389.94 LE 02 MAI	389.28 LE 02 SEP	1970
1971	---	389.79 LE 10 MAI	389.27 LE 28 MAR	1971
1972	---	389.93 LE 24 JUN	389.41 LE 19 AVR	1972
1973	---	389.80 LE 01 JUL	389.45 LE 03 MAR	1973
1974	---	389.73 LE 14 JUN	389.30 LE 16 AVR	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	389.76 LE 10 MAI	389.30 LE 10 AVR	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	389.76 LE 28 AVR	389.41 LE 10 MAR	1982
1983	---	389.80 LE 04 MAI	389.34 LE 14 SEP	1983
1984	---	389.74 LE 18 AVR	389.40 LE 01 AVR	1984
1985	---	---	---	1985
1986	---	389.88 LE 13 SEP	389.43 LE 06 MAR	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	389.67 LE 17 NOV	389.29 LE 26 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MANOUANE (RIVIERE) AU RESERVOIR CHATEAU VERT - STATION NO. 02MB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	365.90	362.61	361.22	361.77	363.91	365.02	365.97	365.77	365.88	365.55	367.54	367.64	364.91	1963
1964	367.21	363.36	361.44	362.48	365.37	367.39	367.49	367.39	366.00	365.60	364.27	366.53	365.39	1964
1965	367.03	363.67	361.32	361.33	363.32	365.35	366.99	367.35	367.25	368.45	368.28	367.37	365.66	1965
1966	367.43	365.99	362.20	361.73	364.16	366.59	367.96	368.69	368.12	368.22	368.35	368.11	366.47	1966
1967	367.37	366.71	362.86	361.43	363.26	366.82	368.23	368.21	368.35	368.68	368.47	367.32	366.51	1967
1968	366.70	364.39	360.73	361.03	365.65	367.64	367.80	367.98	367.84	367.91	367.81	366.65	366.15	1968
1969	365.31	362.26	360.58	362.42	365.51	367.72	368.13	368.29	368.23	367.94	367.68	367.43	365.98	1969
1970	366.56	364.12	360.86	361.07	365.45	368.21	368.51	368.12	368.19	367.98	367.35	367.25	366.16	1970
1971	366.59	363.98	360.41	361.07	365.43	367.84	368.00	367.68	367.48	367.63	367.43	367.68	365.95	1971
1972	367.69	367.12	363.93	360.12	364.17	367.96	368.51	368.41	368.47	368.38	367.84	365.92	366.54	1972
1973	364.64	363.93	362.76	362.79	366.38	368.37	368.65	368.71	368.47	368.05	368.11	368.02	366.59	1973
1974	367.08	363.65	360.32	361.00	367.14	368.69	368.23	368.00	---	---	368.32	367.44	---	1974
1975	365.93	363.11	361.63	361.13	364.32	367.14	368.51	368.06	367.77	367.82	368.42	367.92	366.00	1975
1976	366.74	365.95	361.13	363.30	367.80	368.54	368.69	368.59	368.28	368.22	368.07	368.12	367.13	1976
1977	367.34	365.04	362.60	361.64	366.66	368.08	368.35	368.36	368.06	367.88	368.37	368.46	366.75	1977
1978	367.51	365.25	361.49	360.71	364.52	367.50	368.36	368.40	368.38	368.22	368.46	368.14	366.42	1978
1979	365.86	363.20	360.94	362.86	367.71	368.68	368.35	368.21	368.14	368.48	368.20	367.51	366.53	1979
1980	367.25	365.39	361.68	361.78	363.89	365.87	368.12	368.38	368.38	368.74	368.29	367.26	366.26	1980
1981	363.97	361.12	361.52	365.14	368.41	368.31	367.73	364.99	365.56	366.46	367.47	367.54	365.72	1981
1982	365.96	362.72	361.22	361.51	364.78	366.87	368.01	367.72	367.01	366.43	367.79	---	---	1982
1983	366.06	363.22	361.44	362.03	366.74	367.94	368.32	---	368.14	---	---	---	---	1983
1984	366.61	363.01	361.56	---	365.43	368.31	368.42	368.39	368.37	368.44	368.44	367.43	---	1984
1985	365.84	364.05	362.54	361.71	364.86	367.26	368.29	367.10	365.98	366.94	365.43	364.18	365.36	1985
1986	362.70	361.26	361.28	362.51	366.59	368.09	367.87	367.33	366.82	---	368.03R	367.40R	---	1986
1987	364.78	361.86	361.32	362.75	363.98	363.47	362.18	362.04	362.63	363.27	364.39	364.02	363.07	1987
1988	---	---	---	---	---	---	---	367.92	368.36	368.61	367.85	366.80	---	1988
1989	363.61	362.10	---	---	---	---	---	---	---	365.68	366.93	---	---	1989
1990	---	---	359.91	360.67	---	366.55	367.63	366.03	---	---	---	---	---	1990
MOYEN	366.14	363.81	361.58	361.92	365.44	367.30	367.82	367.54	367.45	367.40	367.60	367.17	365.98	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 47 45 31
LONG 073 53 37

BASSIN VERSANT, 3 060 km²
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

MANOUANE (RIVIERE) AU RESERVOIR CHATEAU VERT - STATION NO. 02NB001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	368.22 LE 19 NOV	361.12 LE 26 MAR	1963
1964	---	367.85 LE 03 AOU	361.20 LE 16 MAR	1964
1965	---	368.84 LE 29 OCT	361.10 LE 06 AVR	1965
1966	---	368.84 LE 08 AOU	361.15 LE 11 AVR	1966
1967	---	368.77 LE 19 OCT	361.18 LE 21 AVR	1967
1968	---	368.18 LE 01 SEP	360.20 LE 27 MAR	1968
1969	---	368.55 LE 13 SEP	360.19 LE 24 MAR	1969
1970	---	368.95 LE 21 JUL *	360.13 LE 12 AVR	1970
1971	---	368.37 LE 05 JUL	359.99 LE 12 AVR	1971
1972	---	368.64 LE 21 JUL	359.95 LE 27 AVR *	1972
1973	---	368.81 LE 12 AOU	361.78 LE 15 AVR	1973
1974	---	---	---	1974
1975	---	368.68 LE 24 JUL	360.70 LE 17 AVR	1975
1976	---	368.79 LE 21 MAI	361.99 LE 29 MAR	1976
1977	---	368.68 LE 03 DEC	360.60 LE 03 AVR	1977
1978	---	368.78 LE 21 NOV	360.25 LE 11 AVR	1978
1979	---	368.84 LE 24 MAI	360.27 LE 21 MAR	1979
1980	---	368.88 LE 29 JUL	360.35 LE 30 MAR	1980
1981	---	368.66 LE 14 MAI	360.69 LE 18 FEV	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	368.72 LE 31 JUL	361.44 LE 12 AVR	1985
1986	---	---	---	1986
1987	---	366.63 LE 01 JAN	361.26 LE 19 MAR	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MANOUANE (RIVIERE) AU RESERVOIR KEMPT - STATION NO. 02NB003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	417.61	417.21	417.06	417.26	418.11	418.53	418.54	418.71	419.01	418.98	418.75	418.72	418.21	1963
1964	417.72	417.23	417.07	417.36	418.24	418.80	419.12	419.01	418.91	418.55	418.40	418.17	418.22	1964
1965	417.59	417.19	416.96	416.94	417.74	418.42	418.53	418.67	418.79	419.05	419.13	418.69	418.15	1965
1967	419.06	418.26	417.66	417.50	418.51	419.20	419.30	419.29	419.25	419.32	419.28	418.98	418.81	1967
1968	418.03	417.50	417.22	417.72	418.61	418.94	419.17	419.22	419.08	418.84	418.76	418.62	418.48	1968
1969	417.98	417.42	417.15	417.37	418.41	419.11	419.23	419.22	419.00	418.73	419.01	418.82	418.46	1969
1970	418.16	417.54	417.21	417.17	418.51	419.26	419.30	418.79	417.91	418.00	418.15	417.84	418.16	1970
1971	417.28	417.05	416.96	417.07	418.28	418.81	418.53	418.37	418.16	418.08	417.84	417.56	417.82	1971
1972	417.38	417.25	417.12	416.95	418.12	419.12	419.35	419.02	418.44	418.26	418.21	417.62	418.07	1972
1973	417.00	416.83	416.79	417.49	418.77	419.27	419.31	419.24	418.91	418.70	418.26	417.61	418.18	1973
1974	417.29	416.87	416.75	417.04	418.77	419.22	418.81	418.66	418.53	418.57	418.69	418.70	418.17	1974
1975	418.51	417.74	417.38	417.22	418.28	418.98	419.19	419.26	419.27	419.37	419.15	419.15	418.63	1975
1976	418.73	417.62	416.96	417.89	418.91	419.28	419.36	419.28	419.13	418.94	418.58	417.88	418.55	1976
1977	417.55	417.31	417.06	417.18	418.34	418.81	419.19	419.21	419.00	418.91	418.90	418.76	418.36	1977
1978	417.95	417.01	416.80	416.86	417.81	418.48	418.69	418.79	418.58	418.49	418.15	417.77	417.96	1978
1979	417.63	417.35	417.17	417.73	418.06	419.42	419.29	419.22	419.16	419.31	419.26	418.82	418.61	1979
1980	418.10	417.54	417.23	417.37	418.11	418.25	---	418.22	418.46	---	418.82	418.43	---	1980
1981	---	417.67	---	418.00	418.16	---	418.30	---	---	418.67	418.85	418.39	---	1981
1982	417.64	417.20	416.99	416.98	417.95	418.49	418.74	418.71	418.69	418.04	417.55	417.34	417.87	1982
1983	417.20	417.06	416.95	417.13	---	419.20	418.85	---	418.56	---	---	---	---	1983
1984	417.74	417.29	417.11	---	418.32	419.03	419.30	419.25	419.19	419.14	419.09	418.96	---	1984
1985	418.61	417.80	417.31	417.12	418.07	418.55	418.84	418.79	418.66	418.74	418.70	418.03	418.27	1985
1986	417.46	417.16	417.02	417.45	418.55	419.02	419.12	419.25	419.25	---	---	418.27R	---	1986
1987	417.57	417.22	417.01	417.48	417.80	417.54	417.24	417.28	417.44	417.67	417.88	417.67	417.49	1987
1988	---	---	---	---	---	---	---	419.03	419.27	419.37	419.26	418.56	---	1988
1989	418.17	417.78	---	---	---	---	---	---	---	418.72	418.88	---	---	1989
1990	---	417.24	417.07	417.01	---	418.21	418.49	418.64	418.63	---	---	---	---	1990
MOYEN	417.83	417.36	417.08	417.30	418.31	418.83	418.91	418.88	418.77	418.72	418.65	418.31	418.24	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 47 33 00
LONG 074 11 00

BASSIN VERSANT, 1 500 km²
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

MANOUANE (RIVIERE) AU RESERVOIR KEMPT - STATION NO. 02NB003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	419.07 LE 19 SEP	417.05 LE 06 MAR	1963
1964	---	419.17 LE 13 JUL	417.03 LE 13 MAR	1964
1965	---	419.21 LE 18 NOV	416.85 LE 07 AVR	1965
1967	---	419.41 LE 21 OCT	417.38 LE 14 AVR	1967
1968	---	419.26 LE 09 AOU	417.16 LE 22 MAR	1968
1969	---	419.28 LE 30 JUL	417.08 LE 24 MAR	1969
1970	---	419.50 LE 22 JUL	417.05 LE 08 AVR	1970
1971	---	418.94 LE 05 JUN	416.74 LE 06 AVR	1971
1972	---	419.52 LE 29 JUN *	416.81 LE 15 AVR	1972
1973	---	419.40 LE 07 JUL	416.76 LE 12 MAR	1973
1974	---	419.35 LE 01 JUN	416.74 LE 29 MAR	1974
1975	---	419.41 LE 26 OCT	417.15 LE 16 AVR	1975
1976	---	419.38 LE 06 JUL	416.69 LE 23 MAR *	1976
1977	---	419.28 LE 10 AOU	416.76 LE 06 AVR	1977
1978	---	418.83 LE 06 AOU	416.73 LE 28 FEV	1978
1979	---	419.51 LE 14 JUN	417.14 LE 11 MAR	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	418.79 LE 19 JUL	416.90 LE 08 AVR	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	418.98 LE 28 JUL	417.05 LE 13 AVR	1985
1986	---	---	---	1986
1987	---	417.95 LE 09 NOV	416.87 LE 26 MAR	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MANOUANE (RIVIERE) AU RESERVOIR MANOUANE - STATION NO. 02NB006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	409.52	408.48	408.15	408.43	410.14	410.34	410.19	409.20	409.80	410.50	410.42	410.47	409.64	1963
1964	409.54	408.42	408.29	408.80	410.42	410.35	410.61	410.62	410.40	410.02	409.85	409.28	409.72	1964
1965	409.19	408.36	408.12	408.08	409.76	410.42	410.12	410.29	410.42	410.71	410.77	410.33	409.72	1965
1966	409.64	408.50	408.22	408.18	409.92	410.68	410.68	410.86	410.92	410.85	410.92	410.86	410.02	1966
1967	410.39	409.35	408.51	408.44	410.26	410.69	410.47	410.33	410.27	410.93	410.87	410.63	410.10	1967
1968	410.19	408.51	408.20	409.04	410.51	410.36	409.94	410.34	410.57	410.20	410.13	409.84	409.82	1968
1969	408.95	408.40	408.15	408.48	410.29	410.49	410.57	410.46	410.15	410.58	410.39	409.62	409.72	1969
1970	409.11	408.75	408.42	408.30	410.28	410.75	410.72	410.40	410.13	410.10	409.90	409.35	409.69	1970
1971	408.64	408.29	408.17	408.30	409.89	410.15	410.45	410.42	410.44	409.97	409.89	409.95	409.56	1971
1972	408.87	408.29	408.30	408.40	410.00	410.28	410.62	410.41	410.48	410.45	410.20	409.32	409.64	1972
1973	408.68	408.44	408.33	408.90	410.54	410.59	410.66	410.73	410.53	410.47	410.26	409.36	409.80	1973
1974	408.78	408.44	408.32	408.56	410.64	410.91	410.49	410.46	410.33	410.46	410.57	410.50	409.88	1974
1975	409.87	409.13	408.84	408.59	410.11	410.52	410.37	410.29	410.33	410.46	410.60	410.54	409.98	1975
1976	409.89	409.00	408.58	409.77	410.87	410.73	410.83	410.73	410.56	410.60	410.64	410.00	410.19	1976
1977	408.80	408.47	408.39	408.86	410.32	410.42	410.83	410.80	410.61	410.48	410.43	410.34	409.91	1977
1978	409.64	408.72	408.31	408.27	410.02	410.25	410.05	409.99	409.84	409.89	409.62	409.31	409.50	1978
1979	409.15	408.66	408.27	409.26	410.60	410.67	410.63	410.47	410.51	410.69	410.66	410.46	410.01	1979
1980	409.58	408.89	408.44	409.04	410.43	410.33	410.39	410.31	410.24	---	410.49	409.90	---	1980
1981	---	408.56	---	408.75	---	---	---	---	---	408.94	409.09	409.41	---	1981
1982	408.95	408.56	408.32	408.19	410.13	410.38	410.23	---	410.34	410.15	409.89	409.80	---	1982
1983	409.05	408.73	408.54	408.85	---	410.97	410.75	---	410.44	---	---	---	---	1983
1984	409.59	408.88	408.62	---	410.63	410.57	410.58	410.66	410.53	410.49	410.46	410.20	---	1984
1985	410.06	410.28	408.82	408.57	410.19	---	410.46	409.92	410.12	410.85	410.98	410.42	---	1985
1986	409.48	409.00	408.74	409.56	410.89	411.06	410.96	---	---	---	---	410.23R	---	1986
1987	409.62	409.09	408.77	409.72	409.94	409.62	409.08	409.04	409.32	409.72	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	---	---	410.62	---	1988
1989	410.10	409.65	---	---	---	---	---	---	---	410.27	410.65	---	---	1989
1990	---	409.00	408.82	408.99	---	410.42	410.40	---	410.30	---	---	---	---	1990
MOYEN	409.41	408.77	408.43	408.78	410.29	410.50	410.44	410.32	410.31	410.34	410.33	410.03	409.82	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 47 38 04
LONG 074 00 00

BASSIN VERSANT, 2 240 km²
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

MANOUANE (RIVIERE) AU RESERVOIR MANOUANE - STATION NO. 02NB006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	410.70 LE 18 OCT	408.05 LE 26 MAR	1963
1964	---	410.81 LE 06 SEP	408.23 LE 07 MAR	1964
1965	---	410.86 LE 06 NOV	407.97 LE 08 AVR	1965
1966	---	410.97 LE 29 NOV	407.90 LE 11 AVR *	1966
1967	---	411.11 LE 19 OCT	408.27 LE 10 AVR	1967
1968	---	410.77 LE 16 MAI	408.14 LE 22 MAR	1968
1969	---	410.84 LE 19 MAI	408.12 LE 18 MAR	1969
1970	---	411.18 LE 21 JUL	408.16 LE 14 AVR	1970
1971	---	410.65 LE 07 JUL	407.98 LE 12 AVR	1971
1972	---	410.86 LE 19 JUL	408.16 LE 01 FEV	1972
1973	---	410.88 LE 12 AOU	408.24 LE 06 AVR	1973
1974	---	411.19 LE 26 MAI *	408.29 LE 01 AVR	1974
1975	---	410.70 LE 11 NOV	408.46 LE 24 AVR	1975
1976	---	410.98 LE 22 MAI	408.40 LE 24 MAR	1976
1977	---	410.97 LE 23 AOU	408.37 LE 10 MAR	1977
1978	---	410.59 LE 23 MAI	408.16 LE 11 AVR	1978
1979	---	410.79 LE 25 OCT	408.21 LE 11 MAR	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MANOUANE (RIVIERE) AU RESERVOIR MANOUANE - STATION NO. 02RB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	190.46R	189.19R	189.24R	189.39R	190.17R	192.09R	192.52R	192.56R	192.56R	192.60R	192.60R	191.89R	191.29R	1965
MOYEN	190.46R	189.19R	189.24R	189.39R	190.17R	192.09R	192.52R	192.56R	192.56R	192.60R	192.60R	191.89R	191.29R	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 50 39 30 LONG 070 31 40 BASSIN VERSANT, 5 000 km² REGULARISE

R - REVISEE DEPUIS JAN 01 1988

MANOUANE (RIVIERE) AU RESERVOIR MANOUANE - STATION NO. 02RB001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	192.65 LE 23 OCT *	189.05 LE 13 FEV *	1965

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MAROIS (LAC) - STATION NO. 02LC038

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1969	---	---	---	---	---	---	29.70	29.72	29.69	29.65	---	---	---	1969
1970	---	---	---	---	29.80	29.69	29.69	29.66	29.67	---	29.66	---	---	1970
1971	---	---	---	---	29.87	29.70	29.65	29.72	29.71	---	---	---	---	1971
1972	---	---	---	---	29.88	29.82	29.78	29.68	---	---	---	---	---	1972
1973	---	---	---	---	29.85	---	29.74	29.74	29.74	---	---	---	---	1973
1975	---	---	---	---	---	---	---	---	29.87	29.99	---	29.99	---	1975
1976	29.93	29.95	---	30.22	30.07	---	---	30.05	---	30.07	30.04	30.07	---	1976
1977	30.05	30.04	30.15	30.23	30.06	30.04	---	30.07	29.97	30.11	30.13	30.15	---	1977
1978	30.15	30.09	30.07	30.21	30.14	30.07	30.02	29.95	29.93	---	---	29.75	---	1978
1979	29.54	29.47	29.63	---	---	---	30.17	30.12	30.10	30.06	30.06	30.06	---	1979
1980	30.12	30.05	30.08	---	---	---	---	---	---	29.98	30.06	30.03	---	1980
1981	29.99	30.11	30.02	30.13	30.14	30.15	30.10	30.13	30.08	30.09	30.17	30.15	30.10	1981
1982	30.22	30.16	30.16	30.32	30.18	30.17	30.15	---	---	---	---	---	---	1982
MOYEN	30.00	29.98	30.02	30.22	30.00	29.95	29.89	29.88	29.86	29.99	30.02	30.03	30.10	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 51 25 LONG 074 07 30 BASSIN VERSANT, 9.79 km² REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

MAROIS (LAC) - STATION NO. 02LC038

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	30.44 LE 25 FEV *	29.94 LE 23 MAR *	1981
1982	---	---	---	1982

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MASKINONGE (LAC) A SAINT GABRIEL DE BRANDON - STATION NO. 02OC007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	---	---	---	---	---	---	---	---	---	142.72R	---	142.53R	---	1972
1973	---	---	---	143.61R	143.57R	142.67R	142.47R	---	---	142.51R	142.50R	142.66R	---	1973
1974	142.47R	142.40R	142.44R	143.12R	144.16R	143.16R	142.47R	142.34R	142.11R	142.23R	142.48R	142.84R	142.69R	1974
1975	142.43R	142.33R	142.45R	142.98R	143.59R	142.75R	142.17R	142.08R	142.02R	142.05R	---	142.19R	---	1975
1976	---	142.06R	---	143.70R	142.92R	142.23R	142.27R	142.00R	141.82R	142.03R	141.87R	141.71R	---	1976
1977	141.70R	141.63R	141.86R	142.97R	142.11R	141.87R	---	142.61R	142.65R	---	---	---	---	1977
1982	---	---	---	---	142.82	142.63	142.53	142.37	142.54	142.58	142.45	142.56	---	1982
1983	142.56	142.48	142.13	142.81	143.61	142.64	142.56	142.24	141.81	142.19	142.65	142.36	142.51	1983
1984	142.43	142.29	142.11	143.28	142.80	142.63	142.62	142.61	142.50	142.24R	142.33R	142.43R	142.52R	1984
1985	142.26	142.21	142.13	142.49	142.84	142.69	142.65	142.49	142.41	142.74R	142.56R	142.27R	142.48R	1985
1986	142.46	142.19	142.26	143.18	142.81	142.69	142.62	142.65	142.73	142.33R	142.31R	142.41R	142.56R	1986
1987	142.27	142.15	142.15	143.03	142.67	142.73	142.65	142.45	142.34	142.58R	142.55R	142.46R	142.50R	1987
1988	142.35	142.36	141.92	142.81	142.71	142.54	142.44	142.54	142.62	142.74	142.87	142.37	142.52	1988
1989	142.34	142.32	141.82	142.47	142.84	142.66	142.61	142.27	142.00	142.29	142.73	142.34	142.39	1989
1990	142.32	142.35	142.17	142.79	142.91	142.63	142.43	142.46	142.24	---	---	---	---	1990
MOYEN	142.33	142.23	142.13	143.02	143.03	142.61	142.50	142.40	142.29	142.40	142.48	142.39	142.52	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 114.62 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 19 30
LONG 073 23 30

BASSIN VERSANT, 754 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

MASKINONGE (LAC) A SAINT GABRIEL DE BRANDON - STATION NO. 02OC007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	144.88 LE 03 MAI	142.07 LE 20 SEP	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1982	---	---	---	1982
1983	---	145.00 LE 05 MAI *	141.68 LE 05 OCT *	1983
1984	---	144.18 LE 19 AVR	141.85 LE 22 MAR	1984
1985	---	144.15 LE 29 AVR	141.76 LE 28 MAR	1985
1986	---	143.55 LE 05 AVR	142.08 LE 25 FEV	1986
1987	---	144.26 LE 03 AVR	142.01 LE 19 MAR	1987
1988	---	143.73 LE 09 NOV	141.68 LE 21 MAR	1988
1989	---	143.39 LE 10 MAI	141.68 LE 15 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 114.62 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MASKINONGE (RIVIERE) AU BARRAGE DE SAINT-DIDALE - STATION NO. 020C006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	---	142.61	142.45	142.42	---	1977
1978	142.57	142.22	142.06	141.90	142.41	142.59	142.64	142.63	142.57	142.64	142.68	142.57	142.46	1978
1979	142.56	142.40	142.48	142.31	142.60	142.56	142.63	142.56	142.59	142.48	142.49	142.59	142.52	1979
1980	142.52	142.44	142.31	142.50	142.59	142.63	142.52	142.60	142.59	142.54	142.54	142.52	142.52	1980
1981	142.52	142.63	142.29	142.55	142.44	142.48	142.34	142.40	142.49	142.40	142.32	142.34	142.43	1981
1982	142.21	142.08	141.66	142.19	142.43	142.53	142.47	142.30	142.52	142.51	142.32	142.40	142.30	1982
1983	142.48	142.38	141.76	142.08	142.81	142.42	---	142.10	141.59	142.13	142.44	142.24	---	1983
1984	142.39	142.24	141.79	142.55	142.36	---	142.42	142.58	142.46	142.10R	142.31R	142.30R	---	1984
1985	142.21	142.20	141.82	141.89	142.45	142.67	142.63	142.45	142.39	142.71R	142.46R	142.17R	142.34R	1985
1986	142.42	142.09	142.16	142.51	142.51	142.62	142.58	142.63	142.43	142.23R	142.25R	142.37R	142.40R	1986
1987	142.22	142.10	142.00	142.57	142.61	142.61	142.59	142.39	142.29	142.51R	142.42R	142.34R	142.39R	1987
1988	142.30	142.35	141.80	142.17	142.40	142.55	142.42	142.53	142.59	142.55	142.33	142.32	142.36	1988
1989	142.29	142.29	141.58	141.77	142.33	142.59	142.58	142.19	141.90	142.14	142.27	142.25	142.18	1989
1990	142.26	142.33	141.70	142.08	142.61	142.58	142.40	142.44	142.19	---	---	---	---	1990
MOYEN	142.38	142.29	141.95	142.24	142.50	142.57	142.52	142.45	142.36	142.43	142.41	142.38	142.39	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

R - REVISEE DEPUIS JAN 01 1988

LOCATION - LAT 46 19 45 LONG 073 16 40 BASSIN VERSANT, 836 km² REGULARISE

MASKINONGE (RIVIERE) AU BARRAGE DE SAINT-DIDALE - STATION NO. 020C006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	143.05 LE 30 AVR	140.82 LE 07 AVR	1978
1979	---	143.65 LE 30 AVR *	141.71 LE 12 AVR	1979
1980	---	142.97 LE 13 AVR	142.13 LE 22 AVR	1980
1981	---	143.48 LE 07 AVR	141.72 LE 13 JUL	1981
1982	---	143.30 LE 29 AVR	141.51 LE 13 MAR	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	143.23 LE 29 AVR	140.80 LE 28 MAR *	1985
1986	---	142.82 LE 09 JUN	141.80 LE 07 OCT	1986
1987	---	143.33 LE 03 AVR	141.85 LE 28 MAR	1987
1988	---	142.91 LE 09 NOV	141.41 LE 17 MAR	1988
1989	---	142.73 LE 11 JUN	141.26 LE 31 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MASSAWIPPI (LAC) A NORTH HATLEY - STATION NO. 020E045

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	160.96	160.85	---	161.13	161.00	160.48	160.59	160.77	160.62	160.71	160.69	160.70	---	1966
1967	160.61	160.79	160.86	161.21	160.81	160.74	160.63	160.63	160.48	160.51	160.49	160.50	160.69	1967
1968	160.47	160.55	160.87	160.96	160.72	160.53	160.56	160.63	160.55	160.37	160.71	160.87	160.65	1968
1969	160.72	160.49	160.39	161.38	161.13	160.83	160.65	160.67	160.44	160.60	160.97	160.80	160.76	1969
1970	160.51	160.67	160.38	161.21	161.12	160.54	160.54	160.58	160.67	160.73	160.71	160.68	160.70	1970
1971	160.52	160.43	160.48	161.16	161.12	160.62	160.61	160.72	160.68	160.62	160.62	160.84	160.70	1971
1972	160.61	160.59	160.67	161.15	161.32	160.75	160.67	160.60	160.59	160.66	160.72	160.80	160.76	1972
1973	160.84	160.84	161.24	160.91	160.93	160.99	160.87	160.62	160.69	160.67	160.73	160.95	160.86	1973
1974	160.78	---	---	161.27	161.17	160.85	160.97	160.70	160.73	160.70	160.82	160.78	---	1974
1975	160.69	160.63	160.76	161.03	160.81	---	---	160.67	---	160.83	160.85	---	---	1975
1976	---	160.64	---	161.08	160.94	160.76	---	---	---	160.73	160.74	160.81	---	1976
1977	---	160.35	160.82	161.04	---	---	160.58	160.60	160.70	160.98	160.96	160.88	---	1977
1978	---	---	---	161.18	160.93	---	---	---	---	160.73	---	160.68	---	1978
1979	160.84	160.61	161.09	161.04	160.75	---	---	---	---	---	---	---	---	1979
1980	---	160.22	---	---	---	160.68	160.62	160.64	160.67	160.66	160.74	160.72	---	1980
1981	---	---	160.72	160.84	160.76	160.83	160.61	160.74	160.61	160.79	160.91	160.70	---	1981
1982	---	160.79	---	---	160.81	160.67	160.55	160.56	160.34	160.45	160.75	160.70	---	1982
1983	160.69	160.64	160.78	161.18	161.15	160.87	160.76	160.72	160.73	160.71	160.94	---	---	1983
1984	160.60	160.56	160.73	161.00	160.84	160.89	160.85	160.71	160.60	160.59R	160.68R	160.75R	160.73R	1984
1985	160.64	160.48	160.91	161.12	160.85	160.75	160.67	160.62	---	160.81R	160.83R	160.63R	---	1985
1986	160.63	160.84	160.95	161.09	160.81	160.76	160.65	160.76	160.70	160.82R	160.71R	160.80R	160.79R	1986
1987	160.58	160.40	160.50	161.03	160.66	160.84	160.66	160.54	160.49	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	160.52	160.87	160.74	---	1988
1989	160.47	---	---	161.18	---	160.61	160.58	160.68	160.68	160.69	160.81	160.60	---	1989
1990	160.67	160.88	160.97	161.02	160.77	160.67	160.70	160.70	160.53	---	---	---	---	1990
MOYEN	160.66	160.61	160.77	161.10	160.92	160.73	160.67	160.66	160.61	160.68	160.77	160.75	160.74	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

R - REVISEE DEPUIS JAN 01 1988

LOCATION - LAT 45 16 33 LONG 071 58 27 BASSIN VERSANT, 616 km² REGULARISE

MASSAWIPPI (LAC) A NORTH HATLEY - STATION NO. 02OE045

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	161.63 LE 04 AVR	160.45 LE 07 SEP	1967
1968	---	161.63 LE 25 MAR	160.24 LE 03 OCT *	1968
1969	---	161.92 LE 12 AVR	160.31 LE 18 SEP	1969
1970	---	162.08 LE 20 AVR *	160.32 LE 22 MAR	1970
1971	---	161.60 LE 29 AVR	160.37 LE 03 MAR	1971
1972	---	161.99 LE 07 MAI	160.48 LE 21 FEV	1972
1973	---	161.77 LE 18 MAR	160.53 LE 29 OCT	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	161.47 LE 02 JUN	160.25 LE 13 FEV	1984
1985	---	---	---	1985
1986	---	161.86 LE 01 AVR	160.51 LE 16 JAN	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MASSAWIPPI (RIVIERE) PRES DE LA RIVIERE SAINT-FRANCOIS - STATION NO. 02OE043

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	143.94	---	143.14	---	---	142.89	---	143.32	---	---	1964
1965	---	---	---	143.31	142.93	---	---	---	143.37	143.59	143.23	143.03	---	1965
1966	---	---	---	144.41	143.92	143.51	143.23	143.50	143.52	143.61	143.72	144.05	---	1966
1967	---	---	---	144.17	143.95	143.80	143.54	143.76	143.71	143.81	143.65	143.75	---	1967
1968	---	---	---	144.16	143.77	143.76	143.47	143.34	143.33	143.40	143.45	---	---	1968
1969	---	---	143.75	144.86	143.51	143.51	143.64	143.65	143.74	143.75	143.89	143.81	---	1969
1970	---	---	---	---	---	---	---	143.30	143.60	143.57	---	---	---	1970
1971	144.04	144.21	144.36	144.77	144.42	143.46	143.38	143.60	143.66	143.58	143.48	144.25	143.93	1971
1972	144.52	144.19	144.49	144.76	145.13	143.80	143.81	143.77	143.33	143.58	143.72	144.13	144.10	1972
1973	144.46	144.44	144.91	144.26	144.08	143.89	143.69	143.39	143.62	143.68	143.71	144.31	144.03	1973
1974	144.83	144.79	144.15	145.18	144.97	143.77	143.99	143.65	143.49	143.48	---	143.65	---	1974
1975	144.03	144.39	144.40	144.30	143.86	143.50	143.30	143.31	143.75	143.83	143.85	144.06	143.88	1975
1976	144.28	144.69	144.99	144.71	144.24	143.59	143.70	---	---	144.02	143.87	144.42	---	1976
1977	144.10	144.06	144.64	144.50	143.52	143.64	143.33	143.29	143.53	144.27	144.04	144.11	143.92	1977
1978	---	144.40	144.16	144.99	144.09	143.94	143.43	143.27	143.25	143.41	143.69	144.21	---	1978
1979	145.47	145.23	145.40	144.34	143.76	143.72	143.20	143.21	143.43	143.51	143.64	144.03	144.07	1979
1980	144.44	144.04	---	143.88	143.57	143.39	143.34	143.42	143.53	143.78	143.82	144.26	---	1980
1981	144.30	144.82	143.60	144.09	143.66	143.71	143.44	143.90	143.56	144.08	143.80	143.59	143.87	1981
1982	144.54	144.65	---	---	144.02	143.49	---	---	---	---	---	---	---	1982
MOYEN	144.45	144.49	144.44	144.39	143.96	143.62	143.50	143.49	143.49	143.70	143.68	143.98	143.97	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 22 00
LONG 071 51 03

BASSIN VERSANT, 1 700 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

MASSAWIPPI (RIVIERE) PRES DE LA RIVIERE SAINT-FRANCOIS - STATION NO. 02OE043

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	146.45 LE 05 MAI	143.11 LE 13 NOV	1972
1973	---	147.75 LE 05 MAI	143.22 LE 03 SEP	1973
1974	---	146.26 LE 13 MAR	143.22 LE 26 AOU	1974
1975	---	145.90 LE 21 AVR	143.07 LE 24 AOU	1975
1976	---	---	---	1976
1977	---	146.84 LE 15 MAR	143.12 LE 05 AOU	1977
1978	---	---	---	1978
1979	---	147.79 LE 07 MAR *	142.85 LE 02 AOU *	1979
1980	---	---	---	1980
1981	---	146.95 LE 28 OCT	142.97 LE 26 DEC	1981
1982	---	---	---	1982

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MASSON (LAC) AU BARRAGE MASSON - STATION NO. 02LC009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	335.24	335.14	334.83	334.82	335.19	335.26	335.13	335.04	334.75	334.65	334.53	334.84	334.95	1967
1968	334.95	334.85	334.57	334.55	334.83	335.11	335.24	335.12	334.01	334.74	334.47	334.51	334.83	1968
1969	334.62	334.64	333.93	334.62	335.08	335.13	335.23	335.27	333.21	335.16	335.11	335.14	334.93	1969
1970	335.02	334.86	334.70	334.49	335.01	335.24	335.14	335.00	334.90	334.95	335.07	335.30	334.97	1970
1971	335.19	334.93	334.69	334.52	334.92	335.17	335.10	335.06	335.08	335.11	335.13	335.24	335.01	1971
1972	335.27	335.25	335.29	334.94	335.16	335.21	335.29	335.23	334.69	334.71	335.09	334.84	335.08	1972
1973	334.85	334.77	334.63	334.64	335.00	335.17	335.23	335.22	335.06	335.09	335.19	335.25	335.01	1973
1974	335.14	335.28	335.13	334.91	335.18	335.27	335.23	335.21	334.98	335.01	335.14	335.28	335.13	1974
1975	---	335.10	---	334.47	334.85	335.20	335.10	334.91	334.38	334.23	334.62	335.05	---	1975
1976	335.22	335.16	334.67	334.76	335.09	335.22	335.19	335.18	335.18	335.05	334.81	334.94	335.04	1976
1977	334.94	334.91	334.62	334.73	335.08	335.12	335.21	335.11	335.02	334.89	335.21	335.17	335.03	1977
1978	335.07	334.92	334.56	334.86	335.07	335.11	335.16	335.03	334.95	334.95	334.99	335.15	334.99	1978
1979	335.18	335.09	335.03	335.09	335.10	---	---	---	334.89	335.20	335.17	335.17	---	1979
1980	335.00	334.82	334.73	334.98	335.17	335.23	335.23	---	334.41	334.11	334.23	334.34	---	1980
1981	334.30	334.46	334.81	---	---	335.13	335.07	335.16	335.22	335.25	335.16	334.80	---	1981
1982	334.70	334.71	334.68	334.70	---	335.04	335.07	334.88	334.95	335.02	335.18	335.19	---	1982
1983	335.00	334.95	334.93	335.11	335.15	335.16	335.09	335.00	334.88	334.95	335.20	335.15	335.05	1983
1984	335.03	335.00	334.85	334.97	335.17	335.21	335.19	335.15	335.09	335.02R	335.14R	335.23R	335.09R	1984
1985	335.09	334.96	334.89	334.85	335.23	335.25	335.19	335.06	335.02	335.15R	335.21R	335.15R	335.09R	1985
1986	335.02	334.98	334.91	335.01	335.24	335.15	335.08	335.12	335.02	334.82R	334.95R	335.20R	335.04R	1986
1987	335.20	335.14	335.08	335.12	---	335.25	335.19	335.05	335.01	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	335.29	335.23	335.16	---	1988
1989	335.21	335.29	334.97	334.62	335.20	335.27	335.22	335.12	335.05	335.13	335.25	335.21	335.13	1989
1990	335.22	335.21	334.87	334.84	335.20	335.26	335.27	335.27	335.22	335.06	---	---	---	1990
MOYEN	335.02	334.97	334.79	334.80	335.10	335.19	335.17	335.10	334.95	334.94	335.00	335.05	335.02	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

R - REVISEE DEPUIS JAN 01 1988

LOCATION - LAT 46 01 50
LONG 074 03 23

BASSIN VERSANT, 32.6 km²
REGULARISE

MASSON (LAC) AU BARRAGE MASSON - STATION NO. 02LC009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	335.36 LE 16 JUN	334.44 LE 02 NOV	1967
1968	---	335.27 LE 10 JUL	334.43 LE 22 MAR	1968
1969	---	335.28 LE 01 AOU	333.87 LE 01 MAR *	1969
1970	---	335.31 LE 05 DEC	334.30 LE 15 AVR	1970
1971	---	335.30 LE 17 DEC	334.42 LE 09 AVR	1971
1972	---	335.49 LE 17 JUL *	334.40 LE 19 SEP	1972
1973	---	335.35 LE 08 DEC	334.43 LE 13 AVR	1973
1974	---	335.37 LE 13 MAI	334.78 LE 13 AVR	1974
1975	---	---	---	1975
1976	---	335.33 LE 21 MAI	334.46 LE 18 MAR	1976
1977	---	335.27 LE 04 JUL	334.28 LE 29 MAR	1977
1978	---	335.25 LE 30 JUN	334.49 LE 13 MAR	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	335.40 LE 18 AVR 335.28 LE 18 AVR	334.80 LE 17 MAR 334.68 LE 03 AVR	1984
1985	---	335.27 LE 21 MAI	334.71 LE 31 MAR	1985
1986	---	335.32 LE 13 SEP	334.77 LE 10 OCT	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	335.34 LE 10 MAI	334.47 LE 04 AVR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MATAMEC (RIVIERE) - STATION NO. 02UC005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	27.39	27.77	27.48	---	1982
1983	27.28	27.30	27.28	28.25	28.85	27.93	27.33	27.21	27.47	27.69	27.56	27.59	27.65	1983
1984	27.26	27.14	27.14	27.53	28.93	28.22	27.77	27.42	27.35	27.49R	27.44R	27.40R	27.59R	1984
1985	27.19	27.06	27.07	27.10	28.25	28.16	27.78	27.56	27.21	27.83R	27.46R	27.24R	27.49R	1985
1986	27.16	27.24	27.12	27.42	28.79	27.86	---	---	---	---	---	---	---	1986
MOYEN	27.22	27.18	27.15	27.58	28.71	28.04	27.63	27.40	27.34	27.60	27.56	27.43	27.58	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

R - REVISEE DEPUIS JAN 01 1988

LOCATION - LAT 50 20 30
LONG 065 56 19

BASSIN VERSANT, 458 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

MATAMEC (RIVIERE) - STATION NO. 02UC005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	29.06 LE 29 AVR *	27.14 LE 10 MAR	1983
1984	---	29.29 LE 26 MAI	27.12 LE 24 FEV	1984
1985	---	29.11 LE 24 MAI	27.05 LE 11 FEV *	1985
1986	---	---	---	1986

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MATANE (LAC) - STATION NO. 02QB009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	26.99	27.11	27.04	---	1982
1983	26.97	26.93	26.90	27.30	27.77	28.02	28.30	27.09	26.44	26.94	27.12	27.07	27.32	1983
1984	26.97	26.96	26.96	27.18	27.59	28.77	28.80	28.60	26.70	26.98R	27.11R	27.05R	27.48R	1984
1985	26.96	26.93	26.92	26.98	27.79	28.78	28.80	28.39	27.10	27.06R	27.03R	26.97R	27.48R	1985
1986	26.96	26.99	26.96	27.29	27.69	28.77	28.77	28.69	27.46	27.05R	27.04R	26.97R	27.56R	1986
1987	26.93	26.91	26.93	27.33	27.83	28.76	28.75	27.90	27.01	27.04R	27.04R	27.07R	27.46R	1987
1988	26.95	26.94	26.94	27.13	27.41	28.58	28.72	27.93	27.46	27.16	27.00	26.97	27.44	1988
1989	26.92	26.91	26.92	27.08	27.68	28.72	28.21	28.33	27.04	26.96	27.03	26.92	27.40	1989
1990	26.89	26.87	26.89	27.07	27.56	28.70	---	---	26.75	---	---	---	---	1990
MOYEN	26.94	26.93	26.94	27.17	27.67	28.74	28.63	28.13	27.00	27.02	27.07	27.01	27.45	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 41 25 BASSIN VERSANT, 147 km²
LONG 066 58 28 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

MATANE (LAC) - STATION NO. 02QB009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	29.03 LE 09 JUN *	26.34 LE 22 SEP *	1983
1984	---	28.99 LE 14 JUL	25.87 LE 21 SEP	1984
1985	---	29.02 LE 04 JUN	26.91 LE 05 MAR	1985
1986	---	28.86 LE 06 AOU	26.90 LE 24 SEP	1986
1987	---	29.03 LE 30 JUN	26.90 LE 12 FEV	1987
1988	---	28.97 LE 02 JUL	26.91 LE 10 MAR	1988
1989	---	29.00 LE 06 JUN	26.76 LE 02 OCT	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MATANE (RIVIERE) AU RESERVOIR MATHIEU-D'AMOURS - STATION NO. 02QB008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	46.60	45.69	45.69	---	1982
1983	45.57	45.59	45.68	46.19	46.35	47.27	48.06	48.12	48.11	46.99	45.73	45.66	46.62	1983
1984	45.72	45.74	45.75	46.15	46.45	47.10	48.09	48.10	48.08	46.74R	45.68R	45.63R	46.61R	1984
1985	45.85	45.73	45.61	45.85	46.64	48.07	48.15	48.11	48.08	---	---	45.58R	---	1985
1986	45.69	45.76	45.76	46.39	46.01	47.52	48.14	48.15	48.17	47.45R	45.63R	45.64R	46.70R	1986
1987	45.70	45.81	45.79	---	45.81	48.02	48.12	48.13	48.10	---	45.59R	45.76R	---	1987
1988	45.80	45.74	---	46.06	---	47.64	48.10	48.09	48.10	---	---	---	---	1988
1989	---	---	45.79	46.13	46.59	47.66	48.09	48.08	48.08	47.04	---	---	---	1989
1990	---	45.56	---	---	---	48.09	48.06	48.06	48.06	---	---	---	---	1990
MOYEN	45.72	45.70	45.73	46.13	46.31	47.67	48.10	48.11	48.10	46.96	45.66	45.66	46.64	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -42.67 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 50 45 BASSIN VERSANT, 1 690 km²
LONG 067 31 52 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

MATANE (RIVIERE) AU RESERVOIR MATHIEU-D'AMOURS - STATION NO. 02QB008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	48.31 LE 12 SEP	45.49 LE 09 FEV	1983
1984	---	48.34 LE 20 JUN	45.42 LE 08 DEC	1984
1985	---	---	---	1985
1986	---	48.36 LE 13 SEP *	45.40 LE 08 JAN *	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -42.67 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MATAPEDIA (LAC) A VAL-BRILLANT - STATION NO. 01BD004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	48.59	48.69	48.83	---	1982
1983	48.83	48.78	48.77	49.42	50.32	49.25	48.80	48.67	48.64	---	---	---	---	1983
MOYEN	48.83	48.78	48.77	49.42	50.32	49.25	48.80	48.67	48.64	48.59	48.69	48.83	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 107.80 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 32 02 BASSIN VERSANT, 550 km²
LONG 067 32 44 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

MATAPEDIA (LAC) A VAL-BRILLANT - STATION NO. 01BD004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 107.80 m POUR OBTENIR LES COTES GEODESIQUES

MATAPEDIA (RIVIERE) PRES DE AMQUI - STATION NO. 01BD008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	---	---	---	---	---	---	---	---	---	47.80	47.94	---	---	1983
1984	---	47.90	47.90	48.22	49.54	48.65	48.09	48.00	47.90	47.80R	47.96R	48.12R	---	1984
1985	47.96	47.83	47.82	47.92	48.77	48.33	48.13	47.95	47.84	47.94R	47.91R	47.91R	48.03R	1985
1986	47.88	47.96	47.86	48.50	48.87	48.31	48.13	48.05	48.15	48.05R	48.06R	47.96R	48.15R	1986
1987	47.86R	47.78R	47.74R	48.58R	48.19R	47.95R	---	---	47.76R	47.77R	---	---	---	1987
1988	---	---	---	48.35	48.89	48.22	48.12	47.91	47.91	47.98	48.13	48.00	---	1988
1989	47.90	47.82	47.85	48.26	48.94	48.36	47.97	47.90	47.82	47.77	47.87	47.88	48.03	1989
1990	47.84	47.83	47.82	48.09	48.90	48.22	47.91	47.81	47.74	---	---	---	---	1990
MOYEN	47.89	47.85	47.83	48.27	48.87	48.29	48.06	47.94	47.87	47.87	47.98	47.97	48.07	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 108.66 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 29 30 BASSIN VERSANT, 558 km²
LONG 067 27 00 DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

MATAPEDIA (RIVIERE) PRES DE AMQUI - STATION NO. 01BD008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	48.88 LE 14 MAI	47.70 LE 24 SEP	1985
1986	---	49.26 LE 03 MAI	47.83 LE 10 MAR	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	49.30 LE 11 MAI *	47.74 LE 16 OCT *	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 108.66 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MATAMIN (RIVIERE) AU RESERVOIR MATAMIN - STATION NO. 02HF002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1930	---	---	---	---	---	---	---	---	---	---	---	348.26	---	1930
1931	349.40	349.52	348.78	350.22	355.86	358.14	358.85	357.34	354.80	355.43	356.25	356.37	354.20	1931
1932	355.58	354.00	350.27	350.80	356.82	357.39	357.98	356.95	354.91	354.93	354.84	358.17	356.47	1932
1933	357.67	356.43	354.12	353.11	357.80	358.72	356.43	353.88	353.58	353.48	353.84	352.14	355.10	1933
1934	350.45	349.96	347.95	347.29	357.68	358.90	358.50	357.77	356.91	356.90	357.40	357.97	354.86	1934
1935	356.05	353.47	350.34	347.32	355.10	357.55	358.87	358.04	356.84	357.28	358.27	357.90	355.61	1935
1936	355.80	353.20	351.01	355.17	358.53	358.80	358.84	358.11	356.05	356.74	358.08	358.42	356.98	1936
1937	358.27	355.98	351.59	346.93	356.04	358.47	358.19	357.09	355.44	355.75	357.47	358.11	355.79	1937
1938	356.00	353.10	350.51	350.96	358.40	359.00	358.66	358.31	356.91	356.93	358.67	357.70	356.62	1938
1939	356.63	353.75	350.53	345.43	354.73	358.95	359.04	359.04	358.87	358.74	358.85	358.66	356.13	1939
1940	358.08	355.25	350.77	345.52	354.77	358.86	358.94	357.43	355.04	354.62	355.05	355.56	355.00	1940
1941	355.05	352.55	349.89	349.28	355.88	357.01	357.94	357.07	357.18	358.41	359.04	358.87	355.71	1941
1942	358.00	355.25	351.16	347.90	357.21	359.01	358.66	356.62	354.94	354.99	356.54	357.44	355.66	1942
1943	354.84	352.18	349.45	345.37	354.62	359.01	359.05	359.04	356.59	357.25	358.33	357.62	355.47	1943
1944	356.15	353.37	349.58	343.72	352.56	356.04	357.48	356.16	356.17	356.69	357.26	357.22	354.55	1944
1945	355.41	352.31	349.60	345.32	358.88	358.90	357.66	357.70	358.47	356.12	357.91	357.53	356.51	1945
1946	355.06	353.31	350.22	351.98	356.46	358.02	357.14	356.87	355.11	354.75	356.74	356.72	355.21	1946
1947	355.12	352.84	349.89	350.26	357.76	359.02	358.93	358.59	358.11	356.28	358.22	354.33	355.88	1947
1948	352.49	350.53	348.34	348.60	355.61	357.31	357.26	357.01	354.83	353.51	353.22	353.09	353.50	1948
1949	351.79	350.12	347.88	349.53	356.70	358.52	358.44	357.22	355.57	355.07	354.59	352.96	354.06	1949
1950	352.63	350.76	348.50	347.50	355.13	358.67	358.70	356.78	355.07	353.68	353.53	354.91	353.86	1950
1951	353.36	350.52	348.39	350.80	358.61	358.79	358.83	357.89	356.48	355.74	356.13	357.18	355.27	1951
1952	355.48	352.13	349.45	347.52	357.16	359.04	358.91	358.95	358.02	356.35	354.88	355.06	355.27	1952
1953	355.03	353.11	350.20	355.72	358.96	358.86	358.54	357.10	354.88	353.87	352.02	351.91	355.01	1953
1954	351.02	349.57	347.09	348.30	357.75	359.02	358.79	358.28	358.42	358.76	358.55	358.10	355.34	1954
1955	355.86	353.14	349.65	349.23	358.35	358.73	358.05	357.33	356.07	354.93	354.55	353.33	354.95	1955
1956	351.77	349.93	348.14	346.53	353.28	357.84	358.50	358.32	358.61	358.39	357.28	356.58	354.62	1956
1957	355.29	353.12	349.88	347.22	353.10	354.99	357.96	358.47	357.46	357.93	358.90	358.51	355.26	1957
1958	358.26	355.92	351.93	349.53	356.06	358.01	358.89	358.61	358.79	358.94	358.59	357.76	356.79	1958
1959	356.33	353.17	350.27	349.58	355.92	357.99	358.84	358.97	358.71	358.14	358.87	358.83	356.33	1959
1960	357.80	355.83	352.72	351.00	358.27	358.68	358.64	358.41	357.24	356.43	356.13	356.21	356.46	1960
1961	354.35	352.29	349.74	345.93	354.61	357.73	358.15	358.30	358.09	356.81	355.35	355.25	354.74	1961
1962	354.84	352.92	349.60	348.05	357.25	358.93	358.29	358.17	358.06	358.29	358.13	357.15	355.86	1962
1963	355.08	352.73	349.81	346.31	354.57	357.06	357.49	356.79	357.37	358.19	358.40	358.61	355.23	1963
1964	356.78	353.93	350.08	347.74	355.20	357.89	357.71	357.55	357.57	357.36	356.92	356.33	355.43	1964
1965	355.56	353.04	349.96	345.66	353.81	357.76	357.50	357.58	358.12	358.90	358.90	357.77	355.40	1965
1966	356.37	354.31	351.47	349.87	356.22	358.97	358.95	358.90	358.57	357.72	358.15	358.93	356.56	1966
1967	358.12	355.60	351.59	347.64	355.32	358.69	358.99	358.04	357.06	358.13	358.96	358.17	356.37	1967
1968	355.98	354.15	350.77	350.60	357.37	358.04	357.06	356.75	356.63	356.55	356.93	356.58	355.63	1968
1969	354.51	351.84	348.20	349.05	357.01	358.88	358.31	357.81	357.75	358.09	358.56	358.33	355.72	1969
1970	356.52	353.99	350.91	346.68	357.65	359.00	358.84	358.72	358.61	358.61	358.77	358.16	356.40	1970
1971	355.73	353.04	349.79	345.99	356.26	358.49	358.07	357.40	357.51	357.55	356.99	356.61	355.31	1971
1972	353.99	352.34	349.52	344.57	355.25	358.59	358.69	358.70	358.51	358.72	358.59	356.79	355.37	1972
1973	355.53	354.11	352.05	351.46	358.29	358.77	358.72	358.75	358.51	358.28	357.70	357.18	356.63	1973
1974	356.52	354.35	351.33	349.06	358.17	358.87	358.54	357.89	356.63	356.82	356.58	355.88	355.91	1974
1975	354.54	350.95	346.53	344.93	356.63	358.80	357.92	357.77	357.88	358.37	358.85	357.22	355.07	1975
1976	354.66	353.32	351.25	352.34	358.18	358.79	358.95	358.75	357.78	357.66	357.37	354.55	356.18	1976
1977	357.11	354.48	351.03	348.35	357.44	358.26	358.52	358.47	358.36	358.20	357.14	354.85	354.74	1977
1978	352.68	348.31	344.83	345.73	356.33	358.73	358.35	357.98	357.27	357.19	357.16	355.24	354.11	1978
1979	352.33	348.39	344.88	352.83	358.72	358.84	358.54	358.31	358.61	358.89	358.37	358.43	355.64	1979
1980	356.80	353.52	347.01	347.42	354.79	356.35	357.01	357.58	357.46	358.70	358.72	357.21	355.23	1980
1981	354.07	350.48	348.22	354.35	358.53	358.59	358.48	357.63	357.44	357.56	358.16	357.19	355.92	1981
1982	354.72	350.00	342.10	346.16	356.72	358.34	358.10	358.10	358.35	357.64	357.73	358.49	354.74	1982
1983	---	---	349.28	348.28	---	---	358.41	---	357.49	---	---	---	---	1983
1984	355.99	352.94	346.34	348.72	---	358.51	358.67	358.64	358.02	357.75	357.74	357.79	---	1984
1985	355.75	352.31	348.76	346.48	356.48	358.39	358.50	358.06	357.69	357.76	357.42	356.87	355.40	1985
1986	354.10	351.11	347.77	---	357.98	358.40	---	358.54	358.61	358.45	---	356.74R	---	1986
1987	354.33	351.32	347.68	352.56	354.98	356.68	358.07	358.48	358.30	358.65	358.29	357.95	355.63	1987
1988	---	---	---	---	---	---	---	358.30	358.33	358.78	358.87	357.69	---	1988
1989	355.11	351.50	---	---	---	---	---	---	---	357.96	358.71	---	---	1989
1990	---	352.14	350.39	350.00	---	357.98	358.30	358.40	---	---	---	---	---	1990
MOYEN	355.02	352.58	349.39	348.87	356.50	358.29	358.33	357.92	357.36	357.29	357.32	356.64	355.48	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 46 51 48
LONG 073 39 30

BASSIN VERSANT, 4 070 km²
REGULARISE

DONNEES FOURNIES PAR -
HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1980

MATAWIN (RIVIERE) AU RESERVOIR MATAWIN - STATION NO. 02MF002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1930	---	---	---	1930
1931	---	359.05 LE 06 JUL	348.05 LE 03 AVR	1931
1932	---	359.08 LE 09 OCT	348.96 LE 19 MAR	1932
1933	---	359.10 LE 09 JUN	351.29 LE 31 DEC	1933
1934	---	359.05 LE 11 JUN	344.30 LE 14 AVR	1934
1935	---	358.93 LE 13 JUL	344.13 LE 13 AVR	1935
1936	---	359.05 LE 20 OCT	349.95 LE 17 MAR	1936
1937	---	358.75 LE 03 DEC	346.01 LE 08 AVR	1937
1938	---	359.07 LE 05 NOV	348.48 LE 31 MAR	1938
1939	---	359.11 LE 30 JUN	344.57 LE 20 AVR	1939
1940	---	359.05 LE 10 JUN	344.57 LE 16 AVR	1940
1941	---	359.07 LE 04 NOV	345.80 LE 13 AVR	1941
1942	---	359.05 LE 01 JUL	345.26 LE 16 AVR	1942
1943	---	359.05 LE 16 JUN	343.10 LE 24 AVR	1943
1944	---	358.78 LE 13 AOU	341.56 LE 23 AVR	1944
1945	---	359.07 LE 18 MAI	348.29 LE 26 MAR	1945
1946	---	358.43 LE 05 JUN	341.56 LE 03 JAN	1946
1947	---	359.07 LE 05 JUN	346.59 LE 07 AVR	1947
1948	---	357.62 LE 11 JUL	344.54 LE 07 AVR	1948
1949	---	358.98 LE 02 JUL	345.17 LE 05 AVR	1949
1950	---	359.07 LE 17 JUN	344.56 LE 12 AVR	1950
1951	---	359.07 LE 02 JUN	346.31 LE 03 AVR	1951
1952	---	359.05 LE 26 MAI	344.12 LE 15 AVR	1952
1953	---	359.07 LE 29 MAI	348.02 LE 25 MAR	1953
1954	---	359.05 LE 28 MAI	343.52 LE 05 AVR	1954
1955	---	359.05 LE 18 MAI	345.69 LE 14 AVR	1955
1956	---	359.92 LE 08 SEP *	345.21 LE 11 AVR	1956
1957	---	359.05 LE 04 AOU	345.28 LE 16 AVR	1957
1958	---	359.05 LE 26 JUL	346.95 LE 15 AVR	1958
1959	---	359.20 LE 18 AOU	348.46 LE 14 AVR	1959
1960	---	359.05 LE 21 MAI	349.25 LE 13 AVR	1960
1961	---	358.66 LE 19 AOU	341.98 LE 17 AVR	1961
1962	---	359.05 LE 05 JUN	345.76 LE 09 AVR	1962
1963	---	359.05 LE 04 DEC	342.90 LE 16 AVR	1963
1964	---	358.49 LE 24 JUN	343.54 LE 14 AVR	1964
1965	---	359.04 LE 23 OCT	343.05 LE 12 AVR	1965
1966	---	359.07 LE 16 JUN	347.29 LE 14 AVR	1966
1967	---	359.10 LE 10 JUL	346.28 LE 14 AVR	1967
1968	---	358.47 LE 04 JUN	346.13 LE 10 AVR	1968
1969	---	359.05 LE 02 JUN	345.40 LE 27 MAR	1969
1970	---	359.08 LE 03 JUN	343.77 LE 11 AVR	1970
1971	---	358.78 LE 29 MAI	343.80 LE 09 AVR	1971
1972	---	358.95 LE 14 AOU	341.89 LE 16 AVR	1972
1973	---	358.98 LE 31 MAI	348.75 LE 16 AVR	1973
1974	---	358.96 LE 13 JUN	346.62 LE 14 AVR	1974
1975	---	358.99 LE 07 NOV	341.98 LE 16 AVR	1975
1976	---	359.08 LE 20 MAI	350.12 LE 29 MAR	1976
1977	---	358.78 LE 06 JUL	343.48 LE 31 MAR	1977
1978	---	359.02 LE 27 JUN	343.49 LE 11 AVR	1978
1979	---	359.03 LE 13 JUN	344.07 LE 22 MAR	1979
1980	---	358.95 LE 13 NOV	341.22 LE 31 MAR	1980
1981	---	358.91 LE 14 MAI	346.60 LE 19 MAR	1981
1982	---	358.80 LE 07 DEC	340.09 LE 16 MAR *	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	358.74 LE 27 JUN	344.67 LE 09 AVR	1985
1986	---	---	---	1986
1987	---	358.94 LE 14 OCT	346.10 LE 25 MAR	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MCDONALD (LAC) A LAKEVIEW - STATION NO. 02LC033

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	---	8.76	8.82	---	9.18	---	1966
1967	---	8.96	8.94	9.37	9.18	---	---	---	8.89	9.09	9.23	9.12	---	1967
1968	9.05	9.02	9.05	9.41	9.07	8.95	8.92	8.83	8.83	8.85	8.86	8.99	8.99	1968
1969	8.95	9.00	8.95	9.41	---	---	8.89	---	8.92	8.91	9.11	9.12	---	1969
1970	---	9.04	9.02	9.25	9.34	---	---	8.86	8.82	---	9.03	9.02	---	1970
1971	8.89	8.85	8.89	9.13	9.37	8.92	---	---	8.94	8.94	8.83	9.07	---	1971
1972	9.00	8.96	8.95	---	---	---	---	---	---	---	---	---	---	1972
MOYEN	8.97	8.97	8.97	9.31	9.24	8.94	8.91	8.85	8.86	8.92	9.01	9.08	8.99	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 52 42
LONG 074 34 04

BASSIN VERSANT, 202 km² REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

MCDONALD (LAC) A LAKEVIEW - STATION NO. 02LC033

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	9.56 LE 06 AVR *	8.79 LE 05 NOV *	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MEGANTIC (LAC) A MEGANTIC - STATION NO. 02PJ001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	48.19	48.55	48.87	---	1982
1983	48.77	48.40	48.25	48.73	48.75	48.77	48.72	48.69	48.72	48.39	48.35	48.70	48.60	1983
1984	48.62	48.63	48.35	48.44	48.70	48.73	48.79	48.65	48.54	47.96R	48.07R	48.69R	48.51R	1984
1985	48.70	48.55	48.50	48.50	48.74	48.72	48.72	48.70	48.71	48.11R	48.47R	48.68R	48.59R	1985
1986	48.79	48.71	48.11	48.69	48.71	48.73	48.72	48.79	48.76	48.20R	48.19R	48.65R	48.59R	1986
1987	48.64	48.54	48.40	48.75	48.84	48.77	48.70	48.54	48.33	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	48.11	48.26	48.73	---	1988
1989	48.77	48.76	48.30	48.37	48.74	48.74	48.64	48.72	48.73	48.10	48.44	48.73	48.59	1989
1990	48.82	48.75	48.47	48.37	48.73	48.72	48.74	48.72	48.63	---	---	---	---	1990
MOYEN	48.73	48.62	48.34	48.55	48.74	48.74	48.72	48.69	48.63	48.16	48.33	48.72	48.58	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 346.02 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 34 25
LONG 070 53 06

BASSIN VERSANT, 775 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1986

MEGANTIC (LAC) A MEGANTIC - STATION NO. 02PJ001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	49.24 LE 04 MAI	47.98 LE 25 OCT	1983
1984	---	49.28 LE 01 JUN	47.76 LE 05 AVR *	1984
1985	---	49.06 LE 02 JAN	47.93 LE 29 MAR	1985
1986	---	49.32 LE 03 AVR *	47.94 LE 15 MAR	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	48.87 LE 19 JUN	47.98 LE 17 OCT	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 346.02 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MEMPHREMAGOG (LAC) A MAGOG - STATION NO. 020E012

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1920	---	---	---	---	---	---	---	207.844	207.749	207.939	207.936	207.999	---	1920
1921	207.832	207.622	207.983	208.025	207.837	207.724	207.505	207.218	206.973	206.839	207.019	207.469	207.504	1921
1922	207.554	207.487	207.746	208.401	208.075	208.159	207.921	207.750	207.680	207.394	207.198	207.108	207.706	1922
1923	207.184	207.156	207.102	207.889	208.173	208.124	207.989	207.771	207.661	207.562	207.785	208.008	207.703	1923
1924	208.022	207.831	207.544	207.976	208.112	208.039	207.935	207.864	208.004	207.860	207.768	207.970	207.910	1924
1925	207.849	208.009	207.925	208.010	208.035	207.883	207.831	207.885	207.829	207.991	208.089	207.800	207.927	1925
1926	207.875	208.027	207.906	207.836	208.105	207.969	207.849	207.801	207.610	207.767	207.925	207.841	207.875	1926
1927	207.739	207.625	207.883	208.025	208.084	207.951	207.739	207.589	207.377	207.285	208.336	208.088	207.810	1927
1928	208.031	207.958	207.567	208.179	208.068	208.021	207.851	207.858	207.848	207.893	207.833	207.864	207.913	1928
1929	207.945	207.780	207.860	208.136	208.104	208.012	207.839	207.659	207.500	207.355	207.376	207.543	207.759	1929
1930	207.819	207.961	207.906	207.966	208.065	208.030	207.855	207.639	207.319	207.219	207.356	207.380	207.708	1930
1931	207.320	207.268	207.255	208.088	208.126	208.037	207.787	207.848	207.793	207.868	207.987	207.905	207.776	1931
1932	208.043	207.857	207.683	208.124	208.123	207.919	207.899	207.866	207.629	207.796	208.054	207.997	207.916	1932
1933	208.058	207.994	207.873	208.394	208.118	207.891	207.611	207.495	207.321	207.091	207.131	207.234	207.682	1933
1934	207.344	207.362	207.402	208.122	208.125	207.908	207.750	207.490	207.310	207.103	207.197	207.660	207.565	1934
1935	207.922	207.797	207.729	207.841	208.072	208.016	207.874	207.663	207.416	207.385	207.356	207.647	207.726	1935
1936	207.664	207.528	208.006	208.183	208.044	207.879	207.741	207.663	207.616	207.767	208.029	208.040	207.848	1936
1937	208.042	207.957	207.917	208.047	208.130	208.028	207.858	207.688	207.421	207.314	207.721	207.861	207.831	1937
1938	207.736	207.933	208.049	208.116	208.099	207.969	207.842	207.727	207.703	207.798	207.664	207.984	207.885	1938
1939	207.963	207.858	207.808	207.809	208.253	208.051	207.960	207.905	207.627	207.549	207.762	207.770	207.860	1939
1940	207.752	207.618	207.429	207.848	208.299	208.019	207.843	207.605	207.454	207.493	207.737	207.828	207.744	1940
1941	208.134	207.925	207.675	207.939	207.888	207.790	207.624	207.432	207.326	207.336	207.747	207.842	207.720	1941
1942	207.965	207.765	207.728	208.141	208.095	208.068	207.883	207.602	207.452	207.549	207.962	208.057	207.855	1942
1943	207.967	207.765	207.827	207.758	208.097	208.101	208.020	207.964	207.908	207.672	208.009	208.040	207.929	1943
1944	207.889	207.707	207.477	207.854	208.104	207.964	207.909	207.662	207.496	207.689	207.841	207.771	207.780	1944
1945	207.883	207.747	207.955	208.307	208.274	208.113	208.021	207.791	207.636	208.068	208.047	207.995	207.988	1945
1946	207.982	207.812	207.818	207.990	208.041	207.985	207.709	207.451	207.191	207.330	207.706	207.997	207.751	1946
1947	208.065	208.053	207.818	207.971	208.079	208.083	207.989	207.885	207.552	207.255	207.189	207.230	207.762	1947
1948	207.177	207.173	207.470	208.065	208.099	207.956	207.807	207.626	207.447	207.297	207.464	207.817	207.618	1948
1949	208.072	207.936	207.968	208.154	208.014	207.844	207.724	207.474	207.405	207.377	207.504	207.772	207.769	1949
1950	208.096	207.979	207.741	208.123	208.066	207.960	207.742	207.605	207.697	207.571	207.710	208.080	207.863	1950
1951	207.890	207.763	207.715	208.208	208.090	207.987	208.010	207.865	207.553	207.363	207.551	207.856	207.821	1951
1952	208.008	208.029	207.828	208.135	208.045	208.105	207.876	207.562	207.369	207.319	207.254	207.510	207.752	1952
1953	207.810	208.005	208.105	208.148	208.071	207.824	207.708	207.617	207.408	207.210	207.147	207.462	207.708	1953
1954	207.548	207.454	207.947	208.295	208.129	208.085	207.909	207.802	207.905	208.050	207.918	208.019	207.924	1954
1955	207.975	207.668	207.643	208.069	208.034	207.917	207.648	207.514	207.433	207.193	207.371	207.453	207.659	1955
1956	207.470	207.486	207.314	207.791	208.079	207.963	207.813	207.592	207.440	207.400	207.348	207.542	207.603	1956
1957	207.680	207.623	207.581	207.846	208.070	207.994	207.960	207.790	207.476	207.318	207.429	207.960	207.729	1957
1958	208.040	207.886	207.634	208.039	208.077	207.971	207.951	207.979	207.707	207.609	207.911	207.727	207.877	1958
1959	207.515	207.490	207.284	208.066	208.053	207.902	207.797	207.640	207.487	207.594	208.062	208.145	207.754	1959
1960	207.999	207.778	207.414	208.112	208.094	207.892	207.793	207.604	207.391	207.367	207.620	207.628	207.724	1960
1961	207.560	207.474	207.789	207.911	208.064	208.029	207.939	207.838	207.478	207.181	207.194	207.494	207.664	1961
1962	207.614	207.452	207.225	207.970	207.980	207.795	207.577	207.905	207.858	208.005	208.032	207.907	207.778	1962
1963	207.727	207.523	207.224	208.085	208.017	207.841	207.746	207.799	207.727	207.461	207.455	207.573	207.682	1963
1964	207.447	207.358	207.646	207.981	208.011	207.757	207.474	207.373	207.274	207.135	207.241	207.395	207.508	1964
1965	207.618	207.520	207.393	207.584	207.905	207.793	207.694	207.609	207.572	207.834	207.909	207.863	207.692	1965
1966	207.709	207.619	207.727	207.783	207.874	207.780	207.536	207.519	207.348	207.151	207.205	207.534	207.572	1966
1967	207.545	207.451	207.256	207.806	207.967	207.983	207.841	207.709	207.469	207.567	207.829	207.886	207.694	1967
1968	207.714	207.517	207.495	207.908	207.978	207.876	207.854	207.573	207.223	207.064	207.088	207.576	207.573	1968
1969	207.529	207.395	207.163	208.015	208.101	207.925	207.961	207.962	207.859	207.575	207.754	207.853	207.759	1969
1970	207.521	207.340	207.165	207.689	208.072	207.896	207.868	207.800	207.808	207.803	207.608	207.649	207.687	1970
1971	207.510	207.232	207.152	207.539	208.141	207.921	207.760	207.810	207.949	207.715	207.442	207.397	207.633	1971
1972	207.391	207.069	207.411	207.511	208.194	208.020	207.932	207.868	207.636	207.524	207.694	207.821	207.650	1972
1973	207.867	207.851	207.717	207.960	208.091	208.031	208.004	207.710	207.790	207.854	207.745	207.997	207.885	1973
1974	207.886	207.809	207.597	207.905	208.157	208.015	207.992	207.802	207.521	207.378	207.464	207.649	207.765	1974
1975	207.534	207.250	207.200	207.494	207.821	207.822	207.682	207.562	207.596	207.755	207.887	207.731	207.613	1975
1976	207.428	207.410	207.523	208.124	207.865	207.650	207.708	207.753	207.581	207.732	207.756	207.684	207.685	1976
1977	207.403	207.084	207.367	207.794	207.667	207.499	207.438	207.337	207.620	207.908	207.811	207.794	207.563	1977
1978	207.794	207.408	207.097	207.681	207.939	207.945	207.706	207.581	207.376	207.345	207.387	207.320	207.569	1978
1979	207.539	207.209	207.499	207.904	207.812	207.836	207.637	207.546	207.553	207.387	207.568	207.720	207.603	1979
1980	207.648	207.357	207.259	207.802	207.874	207.803	207.665	207.578	207.521	207.557	207.808	207.857	207.645	1980
1981	207.494	207.576	207.780	207.944	207.960	207.915	207.648	207.712	207.669	207.807	207.913	207.825	207.771	1981
1982	207.596	207.219	207.135	207.967	208.061	207.798	207.652	207.465	207.441	207.394	207.569	207.730	207.587	1982
1983	207.737	207.613	207.514	208.021	208.121	207.868	207.580	207.530	207.401	207.346	207.702	207.991	207.702	1983
1984	207.695	207.454	207.403	207.734	207.934	207.861	207.778	207.620	207.309	207.184	207.280	207.599	207.572	1984
1985	207.793	207.402	207.504	207.713	207.886	207.869	207.796	207.656	207.542	207.531	207.721	207.744	207.682	1985
1986	207.625	207.657	207.544	208.128	207.941	207.864	207.777	207.797	207.610	207.686	207.582	207.752	207.747	1986
1987	207.653	207.428	207.334	208.058	207.959	207.959	207.910	207.693	207.500	207.720	207.796	207.844	207.739	1987
1988	207.593	207.451	207.379	208.020	208.015	207.828	207.717	207.689	207.702	207.521	207.810	207.730	207.705	1988
1989	207.453	207.384	207.426	208.101	208.070	207.980	207.758	207.643	207.612	207.614	207.783	207.664	207.708	1989
1990	207.450	207.594	207.672	208.061	208.041	207.950	207.916	207.852	207.564	207.865	208.035	208.011	207.835	1990
MOYEN	207.729	207.611	207.583	207.975	208.044	207.932	207.799	207.684	207.553	207.527	207.650	207.753	207.735	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA (ANCIEN DATUM)
AJOUTER .040 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 16 01
LONG 072 09 38

REGULARISE

STATION INTERNATIONALES DE JAUGEAGE

MEMPHREMAGOG (LAC) A MAGOG - STATION NO. 02OE012

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1920	---	---	---	1920
1921	---	208.294 LE 23 MAR	206.758 LE 07 OCT *	1921
1922	---	208.700 LE 14 AVR	207.078 LE 20 DEC	1922
1923	---	208.447 LE 02 MAI	207.045 LE 01 MAR	1923
1924	---	208.200 LE 14 SEP	207.499 LE 17 MAR	1924
1925	---	208.285 LE 19 NOV	207.679 LE 03 SEP	1925
1926	---	208.407 LE 27 AVR	207.551 LE 18 SEP	1926
1927	---	209.224 LE 06 NOV *	207.212 LE 09 OCT	1927
1928	---	208.642 LE 10 AVR	207.483 LE 13 MAR	1928
1929	---	208.270 LE 10 AVR	207.291 LE 26 OCT	1929
1930	---	208.206 LE 28 FEV	207.133 LE 30 SEP	1930
1931	---	208.197 LE 27 AVR	207.191 LE 11 MAR	1931
1932	---	208.428 LE 13 AVR	207.544 LE 24 MAR	1932
1933	---	208.907 LE 20 AVR	207.054 LE 18 OCT	1933
1934	---	208.309 LE 19 AVR	207.020 LE 01 NOV	1934
1935	---	208.130 LE 02 MAI	207.252 LE 08 NOV	1935
1936	---	208.892 LE 23 MAR	207.337 LE 10 MAR	1936
1937	---	208.288 LE 22 MAI	207.160 LE 15 OCT	1937
1938	---	208.337 LE 26 MAR	207.593 LE 10 SEP	1938
1939	---	208.684 LE 30 AVR	207.435 LE 17 AVR	1939
1940	---	208.736 LE 06 MAI	207.288 LE 29 MAR	1940
1941	---	208.294 LE 18 AVR	207.249 LE 02 OCT	1941
1942	---	208.468 LE 20 AVR	207.419 LE 16 SEP	1942
1943	---	208.279 LE 17 JUN	207.566 LE 13 AVR	1943
1944	---	208.224 LE 08 MAI	207.401 LE 14 SEP	1944
1945	---	208.459 LE 01 AVR	207.438 LE 14 SEP	1945
1946	---	208.090 LE 14 DEC	207.133 LE 23 SEP	1946
1947	---	208.294 LE 04 JUN	207.118 LE 06 NOV	1947
1948	---	208.133 LE 16 MAI	207.151 LE 04 FEV	1948
1949	---	208.428 LE 30 MAR	207.331 LE 26 AOU	1949
1950	---	208.352 LE 23 AVR	207.520 LE 09 OCT	1950
1951	---	208.328 LE 16 AVR	207.316 LE 21 OCT	1951
1952	---	208.337 LE 04 JUN	207.215 LE 17 NOV	1952
1953	---	208.419 LE 28 MAR	207.109 LE 16 NOV	1953
1954	---	208.526 LE 24 AVR	207.368 LE 14 FEV	1954
1955	---	208.434 LE 20 AVR	207.139 LE 29 OCT	1955
1956	---	208.206 LE 01 MAI	207.170 LE 03 AVR	1956
1957	---	208.291 LE 23 DEC	207.258 LE 17 OCT	1957
1958	---	208.590 LE 24 AVR	207.502 LE 15 OCT	1958
1959	---	208.386 LE 01 DEC	207.212 LE 20 MAR	1959
1960	---	208.352 LE 20 AVR	207.255 LE 28 MAR	1960
1961	---	208.227 LE 28 AVR	207.115 LE 28 OCT	1961
1962	---	208.221 LE 11 AVR	207.157 LE 19 MAR	1962
1963	---	208.282 LE 23 AVR	207.139 LE 23 MAR	1963
1964	---	208.276 LE 17 AVR	207.093 LE 16 OCT	1964
1965	---	208.047 LE 21 NOV	207.160 LE 05 AVR	1965
1966	208.041 LE 23 MAI A 07:00 HNE	208.035 LE 23 MAI	207.096 LE 19 OCT	1966
1967	208.090 LE 20 MAI A 10:20 HNE	208.066 LE 18 JUN	207.212 LE 25 MAR	1967
1968	208.127 LE 01 AVR A 06:15 HNE	208.111 LE 01 AVR	206.974 LE 08 NOV	1968
1969	208.608 LE 21 AVR A 05:55 HNE *	208.596 LE 20 AVR	207.069 LE 19 MAR	1969
1970	208.395 LE 28 AVR A 07:50 HNE	208.380 LE 28 AVR	207.115 LE 20 MAR	1970
1971	208.309 LE 07 MAI A 12:10 HNE	208.297 LE 07 MAI	207.109 LE 02 AVR	1971
1972	208.556 LE 07 MAI A 05:20 HNE	208.541 LE 08 MAI	206.996 LE 18 FEV	1972
1973	208.425 LE 02 JUL A 18:45 HNE	208.404 LE 03 JUL	207.383 LE 07 MAR	1973
1974	208.383 LE 01 MAI A 13:27 HNE	208.346 LE 01 MAI	207.313 LE 02 AVR	1974
1975	208.063 LE 24 NOV A 06:10 HNE	208.038 LE 24 NOV	207.045 LE 19 MAR	1975
1976	208.565 LE 04 AVR A 06:34 HNE	208.562 LE 04 AVR	207.301 LE 27 JAN	1976
1977	208.136 LE 04 OCT A 14:35 HNE	208.120 LE 03 OCT	207.002 LE 04 MAR	1977
1978	208.245 LE 22 JUN A 12:50 HNE	208.215 LE 30 AVR	207.060 LE 22 MAR	1978
1979	208.147 LE 06 AVR A 09:20 HNE	208.089 LE 05 AVR	207.030 LE 03 MAR	1979
1980	208.050 LE 03 DEC A 22:55 HNE	208.023 LE 09 DEC	207.169 LE 17 MAR	1980
1981	208.085 LE 18 MAI A 11:41 HNE	208.072 LE 18 MAI	207.323E LE 01 FEV	1981
1982	208.470 LE 23 AVR A 21:50 HNE	208.436 LE 23 AVR	207.051 LE 11 MAR	1982
1983	208.342 LE 04 MAI A 06:01 HNE	208.311 LE 04 MAI	207.284 LE 04 OCT	1983
1984	208.207 LE 01 JUN A 23:03 HNE	208.180 LE 03 JUN	207.104 LE 03 NOV	1984
1985	207.995 LE 08 MAI A 01:32 HNE	207.940 LE 07 MAI	207.256 LE 23 FEV	1985
1986	208.391 LE 03 AVR A 23:09 HNE	208.385 LE 03 AVR	207.383 LE 10 MAR	1986
1987	208.173 LE 04 AVR A 04:20 HNE	208.155 LE 03 AVR	207.234 LE 20 MAR	1987
1988	208.124 LE 13 MAI A 17:23 HNE	208.101 LE 25 AVR	207.285 LE 07 MAR	1988
1989	208.295 LE 08 AVR A 22:56 HNE	208.289 LE 09 AVR	207.314 LE 14 MAR	1989
1990	208.222 LE 26 DEC A 08:30 HNE	208.182 LE 26 DEC	207.295 LE 11 MAR	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA (ANCIEN DATUM)
AJOUTER .04 m POUR OBTENIR LES COTES GEODESIQUES

E - ESTIMATIVE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MILLE ILES (RIVIERE DES) A BOIS-DES-FILION - STATION NO. 020A003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1961	---	---	19.543	20.021	20.051	19.778	19.684	19.547	19.544	19.596	19.526	19.690	---	1961
1962	19.809	19.902	19.689	20.393	20.272	19.632	19.312	19.235	19.209	19.316	19.426	19.349	19.626	1962
1963	19.439	19.498	19.425	20.378	19.998	19.613	19.339	19.176	19.355	19.351	19.539	19.833	19.578	1963
1964	19.735	19.634	19.753	20.080	19.934	19.727	19.471	19.252	19.198	19.328	19.382	19.534	19.585	1964
1965	19.644	19.702	19.639	19.907	20.211	19.633	19.342	19.427	19.691	20.373	20.169	20.094	19.820	1965
1966	20.280	20.065	20.256	20.364	20.142	19.976	19.524	19.530	19.434	19.577	19.822	20.490	19.957	1966
1967	20.117	20.229	19.819	20.710	20.545	20.243	19.925	19.517	19.480	19.880	20.453	20.064	20.079	1967
1968	20.332	20.168	20.127	20.499	19.739	19.649	19.706	19.440	19.430	19.458	19.506	19.656	19.808	1968
1969	19.870	19.757	19.716	20.497	20.591	20.052	19.728	19.584	19.373	19.480	19.923	19.898	19.872	1969
1970	19.897	19.719	19.663	20.246	20.590	20.101	19.973	19.725	19.457	19.596	19.765	19.789	19.878	1970
1971	19.847	19.935	19.934	20.481	20.507	19.724	19.355	19.258	19.301	19.338	19.342	19.525	19.710	1971
1972	19.593	19.664	19.668	20.351	20.854	20.136	20.156	19.964	19.813	19.878	20.168	20.017	20.023	1972
1973	20.145	20.121	20.565	20.706	20.599	20.268	20.031	19.687	19.559	19.734	19.771	19.890	20.090	1973
1974	19.958	19.884	20.121	20.637	21.237	20.736	20.059	19.600	19.432	19.526	19.855	19.895	20.079	1974
1975	19.909	19.911	19.897	20.310	20.297	19.954	19.389	19.149	19.227	19.413	19.556	19.848	19.737	1975
1976	19.963	19.972	20.208	21.154	20.694	19.984	19.820	19.564	19.477	19.579	19.466	19.605	19.956	1976
1977	19.912	19.661	20.193	20.559	19.966	19.376	19.370	19.277	19.384	19.692	19.737	20.139	19.773	1977
1978	20.414	20.285	19.829	20.487	20.355	19.704	19.409	19.285	19.207	19.492	19.485	19.564	19.790	1978
MOYEN	19.933	19.889	19.891	20.432	20.367	19.905	19.644	19.457	19.421	19.589	19.716	19.827	19.845	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .073 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 39 47
LONG 073 45 09 REGULARISE

MILLE ILES (RIVIERE DES) A BOIS-DES-FILION - STATION NO. 020A003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1961	---	20.260 LE 03 MAI	19.358 LE 21 MAR	1961
1962	---	20.842 LE 10 AVR	19.135 LE 05 SEP	1962
1963	---	20.967 LE 05 AVR	19.126 LE 07 AOU	1963
1964	---	20.504 LE 25 AVR	19.132 LE 20 SEP	1964
1965	---	20.553 LE 25 OCT	19.175 LE 03 AOU	1965
1966	---	20.839 LE 27 AVR	19.294 LE 20 SEP	1966
1967	---	20.970 LE 04 AVR	19.385 LE 19 SEP	1967
1968	---	20.943 LE 01 AVR	19.285 LE 05 SEP	1968
1969	---	20.891 LE 21 MAI	19.300 LE 02 SEP	1969
1970	---	20.961 LE 24 MAI	19.327 LE 08 SEP	1970
1971	---	21.217 LE 22 AVR	19.163 LE 09 SEP	1971
1972	---	21.217 LE 07 MAI	19.486 LE 04 JAN	1972
1973	---	21.235 LE 20 MAR	19.489 LE 24 SEP	1973
1974	---	21.540 LE 22 MAI	19.312 LE 07 SEP	1974
1975	---	21.074 LE 22 AVR	19.056 LE 17 AOU *	1975
1976	---	21.671 LE 03 AVR *	19.276 LE 15 NOV	1976
1977	---	21.312 LE 17 MAR	19.215 LE 17 AOU	1977
1978	---	20.952 LE 18 AVR	19.108 LE 12 SEP	1978

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .07 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MILLE ILES (RIVIERE DES) A LAVAL OUEST - STATION NO. 020A015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	---	---	---	---	4.800	4.130	3.703	3.477	3.737	3.704	3.992	4.403	---	1963
1964	4.319	4.207	4.428	4.950	4.692	4.316	3.923	3.573	3.478	3.644	3.710	3.934	4.097	1964
1965	4.118	4.258	4.183	4.613	5.189	4.167	3.693	3.832	4.261	5.401	5.051	4.888	4.472	1965
1966	5.026	4.775	5.285	5.398	5.050	4.656	3.812	3.850	3.645	3.830	4.235	5.287	4.570	1966
1967	4.642	4.763	4.266	5.790	5.405	4.943	4.442	3.782	3.706	4.324	5.320	4.629	4.664	1967
1968	4.829	4.717	4.762	5.476	4.170	3.971	4.115	3.703	3.618	3.615	3.689	3.956	4.216	1968
1969	4.303	4.284	4.183	5.443	5.584	4.632	4.106	3.927	3.541	3.648	4.400	4.373	4.368	1969
1970	4.236	4.106	4.092	5.026	5.430	4.753	4.576	4.186	3.709	3.893	4.142	4.180	4.362	1970
1971	4.276	4.402	4.424	5.476	5.491	4.105	3.570	3.448	3.430	3.434	3.427	3.758	4.101	1971
1972	3.953	4.076	4.138	5.258	5.132	4.876	4.901	4.576	4.307	4.399	4.900	4.566	4.675	1972
1973	4.724	4.829	5.709	5.903	5.708	5.119	4.684	4.161	3.947	4.171	4.224	4.513	4.808	1973
1974	4.546	4.537	4.999	5.824	6.816	5.955	4.797	4.048	---	---	---	---	---	1974
1975	---	---	4.595	5.236	5.242	4.634	3.688	3.277	3.364	3.624	3.829	4.241	---	1975
1976	4.401	4.468	4.943	6.635	5.826	4.606	4.351	3.954	3.763	3.895	3.824	4.092	4.562	1976
1977	4.480	4.188	5.093	5.688	4.663	3.641	3.670	3.507	3.594	4.090	4.176	4.804	4.301	1977
1978	5.074	4.995	4.421	5.556	5.288	4.156	3.717	3.613	3.520	3.915	3.883	3.955	4.336	1978
1979	4.546	4.655	5.265	6.172	6.537	4.980	4.304	4.120	---	---	---	---	---	1979
MOYEN	4.498	4.484	4.674	5.528	5.413	4.567	4.121	3.826	3.708	3.972	4.187	4.372	4.426	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 15.948 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 32 27
LONG 073 52 53 REGULARISE

MILLE ILES (RIVIERE DES) A LAVAL OUEST - STATION NO. 020A015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE		NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1963	---		---				
1964	---		5.708	LE 25 AVR	3.370	LE 13 AOU	1963
					3.385	LE 21 SEP	1964
1965	---		---				
1966	---		5.705	LE 25 OCT	3.443	LE 03 AOU	
1967	---		6.263	LE 27 AVR	3.395	LE 20 SEP	1965
1968	---		6.257	LE 04 AVR	3.538	LE 19 SEP	1966
1969	---		6.147	LE 01 AVR	3.425	LE 03 SEP	1967
			6.101	LE 21 MAI	3.410	LE 23 SEP	1968
1970	6.065 LE 17 AVR A 14:45 HNE		6.037	LE 07 MAI			1969
1971	6.769 LE 22 AVR A 10:30 HNE		6.741	LE 22 AVR	3.492	LE 08 SEP	
1972	6.805 LE 08 MAI A 06:20 HNE		6.787	LE 08 MAI	3.239	LE 08 SEP	1970
1973	6.942 LE 20 MAR A 02:50 HNE		6.866	LE 20 MAR	3.776	LE 04 JAN	1971
1974	7.345 LE 22 MAI A 10:30 HNE		7.320	LE 22 MAI	3.824A	LE 18 SEP	1972
					3.529A	LE 06 SEP	1973
1975	6.555 LE 22 AVR A 07:56 HNE		6.510	LE 22 AVR			1974
1976	7.573 LE 04 AVR A 06:34 HNE	*	7.564	LE 04 AVR *	3.114	LE 21 AOU *	1975
1977	6.741 LE 17 MAR A 05:05 HNE		6.714	LE 17 MAR	3.581	LE 15 NOV	1976
1978	6.373 LE 16 AVR A 04:15 HNE		6.354	LE 16 AVR	3.416	LE 18 SEP	1977
1979	---		---		3.428	LE 11 SEP	1978
					---		1979

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 15.94 m POUR OBTENIR LES COTES GEODESIQUES

A - JAUGE MANUELLE
(VOIR INDEX DE REFERENCE)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MILLE-ILES (RIVIERE DES) AU BARRAGE DE TERREBONNE - STATION NO. 020A088

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	---	13.87	14.00	---	1982
1983	14.13	14.12	14.08	14.13	14.17	13.92	13.77	13.71	13.67	13.72	13.86	---	---	1983
1984	13.90	13.97	14.05	14.25	14.02	14.07	13.93	13.80	---	---	13.78R	13.84R	---	1984
1985	14.10	14.15	14.22	14.12	14.18	13.89	13.81	13.87	13.78	13.80R	13.61R	---	---	1985
1986	---	13.94	13.97	13.94	13.82	13.68	13.83	---	13.91	13.99R	---	---	---	1986
1987	14.08	14.06	14.08	14.09	13.88	13.87	13.77	13.75	13.70	13.73R	13.83R	13.94R	13.90R	1987
1988	14.00	14.10	13.96	13.94	13.71	13.55	13.34	---	13.78	13.94	14.25	13.97	---	1988
1989	13.86	13.92	13.94	14.12	14.14	14.08	---	13.69	---	---	13.90	14.05	---	1989
1990	14.01	14.07	14.14	14.07	---	---	13.87	13.72	13.66	---	---	---	---	1990
MOYEN	14.01	14.04	14.06	14.08	13.99	13.87	13.76	13.76	13.75	13.84	13.87	13.96	13.90	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 41 35
LONG 073 38 58

BASSIN VERSANT, 146 000 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

MILLE-ILES (RIVIERE DES) AU BARRAGE DE TERREBONNE - STATION NO. 020A088

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	
1986	---	---	---	1985
1987	---	---	---	1986
1988	---	14.38 LE 29 MAR *	13.04 LE 08 JUL *	1987
1989	---	---	---	1988
1990	---	---	---	1989
		---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MINTO (LAC) - STATION NO. 03JA002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	---	---	---	26.03	26.30	27.07	---	---	---	---	26.66	26.49	---	1983
1984	26.30	26.16	26.06	25.97	26.29	26.71	26.87	27.10	27.03	26.86R	26.82R	26.62R	26.57R	1984
1985	26.39	26.23	26.12	26.05	26.04	---	---	---	---	---	---	26.56R	---	1985
1986	26.36	26.22	26.11	26.04	26.19	26.87	---	---	---	---	---	---	---	1986
1989	---	---	---	---	---	---	---	---	26.53	26.41	26.51	26.42	---	1989
1990	26.25	26.12	26.03	---	---	---	---	---	---	---	---	---	---	1990
MOYEN	26.33	26.18	26.08	26.02	26.21	26.88	26.87	27.10	26.78	26.64	26.66	26.52	26.57	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 57 17 47
LONG 074 45 00

BASSIN VERSANT, 5 540 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

MINTO (LAC) - STATION NO. 03JA002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	---	---	1983
1984	---	29.96 LE 16 AOU *	25.95 LE 21 AVR *	1984
1985	---	---	---	1985
1986	---	---	---	1986
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MISTASSINI (LAC) - STATION NO. 03BA001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	22.96	22.80	23.07	23.75	23.66	23.57	23.59	23.63	23.40	23.16	---	1962
1963	23.00	22.84	22.73	22.66	22.86	23.62	23.91	23.89	---	---	---	23.17	---	1963
1964	23.10	22.99	22.94	22.87	---	---	---	---	---	---	---	23.70	---	1964
1965	---	---	23.10	---	---	23.86	24.11	---	24.25	24.08	---	---	---	1965
1967	---	23.60	23.34	23.13	---	23.67	23.80	---	---	---	---	---	---	1967
1973	---	---	---	---	23.64	24.36	24.44	24.08	23.93	23.93	23.90	---	---	1973
1974	---	---	---	22.98	23.09	---	24.58	24.21	23.93	23.87	---	---	---	1974
1975	---	---	---	---	---	---	24.09	24.07	23.84	23.72	23.69	---	---	1975
1976	---	---	23.08	23.05	---	---	24.28	---	---	---	---	---	---	1976
1977	---	---	---	22.97	---	---	---	---	---	24.02	---	---	---	1977
1978	---	---	---	---	23.29	---	---	---	24.06	24.00	23.85	23.63	---	1978
1979	---	---	---	---	23.82	24.54	24.54	24.39	24.29	24.34	24.26	24.02	---	1979
1980	23.74	23.50	23.27	---	---	24.00	---	23.99	---	23.87	23.89	---	---	1980
1981	---	23.09	22.96	22.95	23.38	24.30	24.31	23.97	23.72	23.63	23.48	23.29	---	1981
1982	---	22.93	22.80	22.78	23.19	---	---	---	---	---	---	---	---	1982
MOYEN	23.28	23.16	23.02	22.91	23.29	24.01	24.17	24.02	23.95	23.91	23.78	23.50	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 350.62 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 50 24 40
LONG 073 52 30

BASSIN VERSANT, 18 100 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

MISTASSINI (LAC) - STATION NO. 03BA001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1967	---	---	---	1967
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 350.62 m POUR OBTENIR LES COTES GEODESIQUES

MITCHINAMECUS (RIVIERE) AU RESERVOIR MITCHINAMECUS - STATION NO. 02LE014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1941	---	---	---	---	---	370.60	---	370.56	371.68	372.77	373.73	374.07	---	1941
1942	374.80	375.27	375.57	376.15	378.55	379.10	379.56	380.02	380.18	380.27	379.52	379.22	378.20	1942
1943	378.58	376.89	373.80	371.78	375.24	378.85	378.68	379.23	380.12	380.48	381.03	380.19	377.92	1943
1944	378.54	375.98	372.94	371.31	374.10	376.20	376.96	378.11	378.52	379.38	379.17	377.45	376.56	1944
1945	374.62	372.08	371.13	373.78	376.96	377.17	377.20	377.40	378.03	378.84	379.22	377.74	376.20	1945
1946	374.89	371.85	371.14	372.28	376.03	377.32	376.46	376.95	377.35	378.07	379.35	380.03	376.00	1946
1947	380.31	380.35	380.28	380.63	382.43	382.78	382.27	382.53	382.71	382.82	382.52	382.06	381.81	1947
1948	380.52	378.03	375.13	375.10	377.50	377.59	377.59	378.55	378.98	379.04	377.53	374.87	377.54	1948
1949	372.14	371.19	370.98	372.13	376.07	376.81	377.44	377.75	378.09	378.69	377.17	374.08	375.23	1949
1950	371.91	371.60	372.12	373.36	375.39	377.68	378.61	379.28	379.84	380.21	380.88	380.00	376.77	1950
1951	377.84	376.43	376.68	378.05	380.30	380.46	381.01	381.40	381.77	382.48	382.15	381.16	380.00	1951
1952	380.60	379.96	379.12	379.04	381.28	382.21	382.72	382.85	382.92	382.71	382.59	380.94	381.41	1952
1953	378.74	378.48	378.92	380.89	382.01	382.11	382.28	382.23	381.38	378.88	375.38	372.41	379.48	1953
1954	371.11	370.65	370.72	372.46	377.04	378.75	379.60	380.12	380.77	382.16	382.70	382.77	377.45	1954
1955	382.20	381.03	379.79	378.98	381.17	381.66	381.93	381.99	381.63	381.13	380.60	379.49	380.97	1955
1956	377.73	375.03	372.06	371.55	374.98	376.66	377.12	378.28	379.65	380.91	381.58	382.11	377.32	1956
1957	381.94	381.21	380.11	379.84	381.44	381.16	382.44	382.72	382.86	382.82	382.87	382.79	381.86	1957
1958	382.73	382.60	382.15	382.17	382.89	382.74	382.90	382.80	382.93	382.90	382.78	382.72	382.69	1958
1959	382.57	381.38	379.68	378.44	379.75	380.18	380.86	381.63	382.38	382.67	382.86	382.76	381.26	1959
1960	382.30	381.15	380.04	379.71	382.23	382.28	382.71	382.76	382.72	382.67	382.79	382.71	382.01	1960
1961	381.74	379.95	378.39	377.92	379.89	380.20	380.63	381.50	382.24	382.59	382.73	382.75	380.89	1961
1962	382.08	380.68	379.36	378.99	380.88	381.16	381.39	381.40	381.12	380.74	379.67	378.55	380.50	1962
1963	377.07	374.92	372.93	372.52	375.73	376.97	377.13	377.59	378.66	379.10	379.29	379.22	376.77	1963
1964	378.25	377.82	377.60	---	380.16	380.21	---	381.12	381.64	381.69	381.58	380.60	---	1964
1965	378.80	377.52	377.04	376.64	378.65	379.15	379.10	379.78	380.52	381.64	382.61	382.66	379.52	1965
1966	382.26	381.49	---	380.23	381.63	---	382.44	382.88	382.76	382.67	382.53	381.74	---	1966
1967	380.78	380.22	379.14	378.75	380.67	382.06	382.65	382.38	380.91	381.07	382.45	382.60	381.15	1967
1968	---	---	---	---	---	---	---	---	---	---	---	379.79	---	1968
1969	377.88	375.98	374.08	373.66	376.79	378.66	379.30	380.06	381.04	381.62	381.07	380.02	378.36	1969
1970	378.87	378.09	377.09	375.80	378.82	380.83	381.67	382.46	382.39	382.70	382.53	381.87	380.28	1970
1971	380.39	379.02	377.60	376.46	378.52	380.23	---	380.55	380.30	380.76	379.66	377.34	---	1971
1972	374.04	371.64	371.26	371.62	375.55	378.57	379.80	380.68	381.49	---	---	382.07	---	1972
1973	380.70	379.66	378.98	379.69	381.95	382.64	382.73	---	---	382.69	382.63	---	---	1973
1974	---	378.23	---	---	381.66	---	---	---	---	---	380.47	380.43	---	1974
1975	---	---	377.99	377.02	378.95	380.49	380.99	380.66	377.36	---	---	---	---	1975
1976	---	---	---	---	---	379.05	378.77	378.55	378.38	---	376.16	375.58	---	1976
1977	374.09	---	---	374.31	378.82	379.78	380.22	380.77	380.64	380.87	380.37	379.15	---	1977
1978	377.79	376.17	375.82	375.83	378.23	379.89	380.43	380.51	379.38	377.87	376.18	374.61	377.74	1978
1979	373.02	371.69	371.29	374.12	378.49	379.93	380.25	379.25	377.79	378.07	378.86	379.45	376.88	1979
1980	379.60	379.22	378.32	378.66	379.73	378.95	378.76	377.75	377.40	378.44	379.54	379.83	378.85	1980
1981	378.77	---	---	379.33	381.61	382.70	---	---	---	376.81	376.33	376.04	---	1981
1982	375.23	374.30	373.09	372.58	376.76	378.05	378.62	377.15	376.03	376.53	376.90	377.45	376.07	1982
1983	378.17	378.39	377.65	377.63	380.71	382.67	382.66	381.03	378.53	377.67	377.36	377.23	379.15	1983
1984	376.80	375.80	375.44	376.28	378.96	380.91	381.75	382.27	382.47	381.26R	380.10R	379.35R	379.29R	1984
1985	378.59	377.78	376.94	376.09	378.78	379.94	380.23	381.35	381.12	380.23R	379.19R	378.35R	379.06R	1985
1986	377.40	376.75	376.13	376.93	379.61	380.86	381.27	380.84	380.49	380.74R	381.18R	380.46R	379.40R	1986
1987	378.9C	377.21	375.98	376.93	377.70	377.72	378.16	378.54	378.91	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	382.15	382.87	382.07	---	1988
1989	380.26	378.45	377.37	377.55	379.81	381.45	381.79	381.14	379.01	377.97	378.76	379.37	379.42	1989
1990	379.08	378.37	377.22	377.39	379.74	380.45	380.48	380.53	380.38	---	---	---	---	1990
MOYEN	378.29	377.22	376.17	376.38	379.00	379.69	380.22	380.18	380.12	380.37	380.17	379.52	378.97	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 12 51
LONG 075 10 38

BASSIN VERSANT, 932 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

MITCHINAMECUS (RIVIERE) AU RESERVOIR MITCHINAMECUS - STATION NO. 02LE014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1941	---	---	---	1941
1942	---	380.42 LE 09 OCT	374.26 LE 01 JAN	1942
1943	---	381.30 LE 29 NOV	371.34 LE 09 AVR	1943
1944	---	379.66 LE 28 OCT	371.03 LE 19 AVR	1944
1945	---	379.35 LE 06 NOV	371.06 LE 15 MAR	1945
1946	---	380.24 LE 30 DEC	371.06 LE 13 MAR	1946
1947	---	383.04 LE 26 MAI *	380.21 LE 29 MAR	1947
1948	---	381.42 LE 01 JAN	373.13 LE 31 DEC	1948
1949	---	378.93 LE 27 OCT	370.91 LE 20 MAR	1949
1950	---	381.18 LE 22 NOV	345.79 LE 12 MAI *	1950
1951	---	382.58 LE 12 OCT	376.33 LE 07 FEV	1951
1952	---	382.92 LE 11 AOU	378.68 LE 02 AVR	1952
1953	---	382.31 LE 20 JUL	371.70 LE 31 DEC	1953
1954	---	382.83 LE 24 NOV	370.24 LE 03 MAR	1954
1955	---	382.61 LE 01 JAN	378.19 LE 12 AVR	1955
1956	---	382.19 LE 14 DEC	371.09 LE 08 AVR	1956
1957	---	382.95 LE 16 SEP	379.47 LE 31 MAR	1957
1958	---	383.04 LE 11 SEP	381.79 LE 01 AVR	1958
1959	---	382.95 LE 16 NOV	378.07 LE 17 AVR	1959
1960	---	382.89 LE 21 NOV	379.29 LE 05 AVR	1960
1961	---	382.80 LE 29 NOV	377.58 LE 04 AVR	1961
1962	---	382.58 LE 01 JAN	377.92 LE 31 DEC	1962
1963	---	379.53 LE 02 DEC	371.91 LE 01 AVR	1963
1964	---	---	---	1964
1965	---	382.68 LE 19 NOV	376.39 LE 10 AVR	1965
1966	---	---	---	1966
1967	---	382.69 LE 14 JUL	378.39 LE 06 AVR	1967
1968	---	---	---	1968
1969	---	381.82 LE 20 OCT	373.18 LE 04 AVR	1969
1970	---	382.73 LE 15 OCT	375.43 LE 14 AVR	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	380.63 LE 06 AOU	373.96 LE 31 DEC	1978
1979	---	380.37 LE 17 JUL	371.10 LE 14 MAR	1979
1980	---	380.15 LE 13 MAI	377.28 LE 17 SEP	1980
1981	---	---	---	1981
1982	---	378.69 LE 10 JUL	371.99 LE 05 AVR	1982
1983	---	382.80 LE 24 JUN	377.10 LE 31 DEC	1983
1984	---	382.63 LE 11 SEP	375.27 LE 05 AVR	1984
1985	---	381.46 LE 20 AOU	375.74 LE 15 AVR	1985
1986	---	381.36 LE 16 JUL	375.80 LE 30 MAR	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	381.84 LE 11 JUL	377.11 LE 28 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MONDONAC (RIVIERE) AU RESEVOIR MONDONAC - STATION NO. 02NB005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	0.70	0.58	0.54	0.83	2.17	2.38	2.06	2.28	2.76	2.89	2.53	2.55	1.86	1963
1964	1.29	0.79	0.59	0.79	1.97	1.87	2.09	2.63	3.10	3.44	3.41	2.40	2.04	1964
1965	1.46	0.81	0.69	0.91	2.09	3.03	2.88	2.87	2.88	3.24	3.85	3.23	2.34	1965
1966	1.58	0.91	0.69	0.98	2.33	3.29	3.64	4.01	3.94	3.40	3.53	3.81	2.69	1966
1967	2.62	1.21	0.92	0.78	2.14	3.44	4.11	3.23	3.04	3.52	4.10	3.63	2.74	1967
1968	1.95	0.89	0.39	1.12	2.60	3.18	2.47	2.83	2.91	---	---	---	---	1968
MOYEN	1.60	0.87	0.64	0.90	2.22	2.87	2.88	2.98	3.11	3.30	3.48	3.12	2.33	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 27 08
LONG 073 55 58

BASSIN VERSANT, 326 km²
REGULARISE

DONNEES FOURNIES PAR -
HYDRO-QUEBEC

MONDONAC (RIVIERE) AU RESEVOIR MONDONAC - STATION NO. 02NB005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	3.10 LE 16 OCT	0.52 LE 23 MAR	1963
1964	---	3.65 LE 09 NOV	0.50 LE 04 AVR *	1964
1965	---	3.93 LE 18 NOV	0.64 LE 15 MAR	1965
1966	---	4.11 LE 24 AOU	0.64 LE 23 MAR	1966
1967	---	4.31 LE 13 JUL *	0.69 LE 20 AVR	1967
1968	---	---	---	1968

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MONROE (LAC) - STATION NO. 02LC067

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	29.24	29.34	29.18	29.08	---	1977
1978	29.02	28.98	28.91	29.00	29.55	29.37	29.35	29.18	29.29	29.40	29.28	29.27	29.22	1978
1979	29.25	29.16	29.39	29.41	29.26	29.26	29.15	29.22	29.44	29.47	29.19	28.95	29.26	1979
1980	---	28.70	28.63	29.22	29.38	29.30	29.22	29.30	29.48	29.69	29.44	29.23	---	1980
1981	29.10	29.44	29.27	29.79	29.27	29.23	29.03	28.87	28.91	29.21	---	---	---	1981
1982	---	29.31	29.31	29.55	29.58	29.33	29.30	29.24	29.30	29.31	29.38	29.47	---	1982
1983	29.42	29.35	29.35	29.51	29.74	29.42	29.29	29.24	29.19	29.30	29.38	29.33	29.38	1983
1984	29.27	29.33	29.32	29.61	29.48	29.38	29.46	29.33	---	---	29.38R	29.37R	---	1984
1985	29.31	29.28	29.31	29.59	29.58	29.35	29.37	---	---	---	---	---	---	1985
MOYEN	29.23	29.19	29.19	29.46	29.48	29.33	29.27	29.20	29.26	29.39	29.32	29.24	29.29	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 19 07
LONG 074 30 36

BASSIN VERSANT, 432 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

MONROE (LAC) - STATION NO. 02LC067

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	30.15 LE 11 MAI	28.67 LE 11 AVR *	1978
1979	---	30.57 LE 29 AVR *	28.78 LE 31 DEC	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	30.00 LE 04 MAI	29.16 LE 15 SEP	1983
1984	---	---	---	1984
1985	---	---	---	1985

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MONTMORENCY (RIVIERE) EN AVAL DU RUISSEAU DES BRULES - STATION NO. 02PD005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	29.24	29.27	29.21	29.14	---	1977
1978	29.19	29.13	29.10	29.11	29.58	29.33	29.19	29.17	29.17	29.21	29.15	29.13	29.21	1978
1979	29.12	29.13	29.16	29.34	29.50	29.29	29.18	29.22	29.35	29.25	29.21	29.19	29.24	1979
1980	29.17	29.14	29.12	29.23	29.39	29.28	29.23	29.19	29.24	29.20	29.19	29.14	29.22	1980
1981	29.11	29.25	29.20	29.44	29.53	29.33	29.23	29.23	29.17	29.22	29.18	29.13	29.25	1981
1982	29.13	29.11	29.10	29.16	29.51	29.25	29.18	29.17	29.26	29.19	29.29	---	---	1982
1983	---	---	---	29.24	29.87	29.34	29.23	29.18	29.22	29.22	29.18	29.14	---	1983
1984	29.12	29.13	29.13	29.23	29.55	29.29	29.22	29.19	29.19	29.17R	29.18R	29.14R	29.21R	1984
1985	29.10	29.10	29.09	29.18	29.57	29.36	29.27	---	---	---	---	---	---	1985
MOYEN	29.13	29.14	29.13	29.24	29.56	29.31	29.22	29.19	29.23	29.23	29.20	29.14	29.23	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 24 20
LONG 071 11 10

BASSIN VERSANT, 121 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

MONTMORENCY (RIVIERE) EN AVAL DU RUISSEAU DES BRULES - STATION NO. 02PD005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	30.16 LE 16 MAI	29.08 LE 13 MAR *	1978
1979	---	30.62 LE 28 AVR *	29.09 LE 27 JAN	1979
1980	---	29.72 LE 03 MAI	29.09 LE 26 MAR	1980
1981	---	30.04 LE 17 MAI	29.09 LE 11 FEV	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	30.34 LE 24 MAI	29.10 LE 27 JAN	1984
1985	---	---	---	1985

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MULETS (RIVIERE AUX) AU BARRAGE THEODORE - STATION NO. 02LC017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	365.71	365.73	366.07	365.88	365.72	365.68	365.39	365.26	365.47	366.06	---	1964
1965	366.15	366.11	365.74	365.78	366.00	365.83	365.81	365.92	365.87	366.10	366.08	365.94	365.93	1965
1966	366.08	366.05	365.92	365.86	366.05	365.83	365.74	365.78	365.71	365.84	366.11	366.16	365.93	1966
1967	366.00	365.83	365.44	366.00	366.02	366.11	365.98	365.85	365.70	365.85	366.06	365.85	365.89	1967
1968	365.48	365.46	365.59	366.19	365.90	366.01	366.05	365.95	365.74	365.57	365.93	366.04	365.82	1968
1969	366.01	365.82	365.66	366.09	366.16	366.13	366.02	365.89	365.88	365.70	365.71	365.67	365.90	1969
1970	365.52	365.51	365.49	365.75	366.09	365.91	365.93	365.72	365.61	365.74	365.92	365.86	365.76	1970
1971	365.60	365.51	365.42	365.62	366.13	365.85	365.73	365.70	365.73	365.74	365.91	365.90	365.74	1971
1972	365.75	365.72	365.69	365.69	366.16	---	365.96	365.84	365.74	365.80	365.81	365.81	---	1972
1973	365.82	365.74	365.81	366.03	365.91	365.89	365.94	365.88	365.84	365.86	365.93	365.90	365.88	1973
1974	365.84	365.87	365.66	365.86	366.07	365.92	365.88	365.79	365.68	365.86	365.94	365.95	365.86	1974
1975	365.94	365.89	365.68	365.67	366.04	365.95	365.86	365.72	365.72	365.95	365.97	365.96	365.86	1975
1976	365.94	365.87	365.64	366.15	365.87	365.85	365.88	365.86	365.88	365.87	365.89	365.83	365.88	1976
1977	365.72	365.68	365.68	366.08	365.81	---	365.87	---	365.87	365.92	365.92	---	---	1977
1978	---	365.70	365.44	365.70	366.00	365.89	365.87	365.88	365.86	365.90	365.96	365.95	---	1978
1979	365.96	365.87	365.85	366.06	365.97	365.96	365.98	365.96	366.00	365.98	365.98	365.98	365.96	1979
1980	365.91	365.78	365.62	366.01	365.91	365.92	365.87	365.91	365.87	365.91	---	365.77	---	1980
1981	365.72	365.94	365.79	365.99	365.94	---	---	365.79	365.89	365.91	365.88	365.74	---	1981
1982	365.69	365.64	365.57	365.85	---	365.94	---	---	365.90	365.91	365.96	365.93	---	1982
1983	365.88	365.78	365.68	365.87	366.08	365.85	365.84	365.88	365.81	365.90	365.98	365.81	365.86	1983
1984	365.61	365.63	365.64	366.06	365.96	365.96	365.94	365.88	365.88	365.96	365.96R	365.87R	365.87R	365.86R	1984
1985	365.78	365.66	365.60	366.01	365.92	365.95	365.94	365.82	365.82	365.93R	365.94R	365.87R	365.85R	1985
1986	365.78	365.76	365.76	366.05	365.98	365.97	365.94	365.97	365.98	365.97R	365.87R	365.76R	365.90R	1986
1987	365.58	365.45	365.65	366.04	365.98	365.99	365.92	365.80	365.84	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	366.02	365.99	365.94	---	1988
1989	365.96	365.94	365.67	365.97	365.98	365.99	365.98	365.87	365.85	365.93	366.00	365.87	365.92	1989
1990	365.97	365.91	365.85	365.97	365.98	365.99	365.98	365.97	365.90	---	---	---	---	1990
MOYEN	365.82	365.76	365.66	365.92	366.00	365.94	365.90	365.84	365.81	365.86	365.92	365.89	365.87	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 57 45 LONG 074 14 50

BASSIN VERSANT, 104 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

MULETS (RIVIERE AUX) AU BARRAGE THEODORE - STATION NO. 02LC017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	366.26 LE 01 JAN	365.40 LE 04 AVR	1965
1966	---	366.33 LE 12 DEC	365.56 LE 17 AVR	1966
1967	---	366.26 LE 19 AVR	365.37 LE 23 MAR	1967
1968	---	366.31 LE 05 AVR	365.41 LE 28 JAN	1968
1969	---	366.51 LE 18 AVR	365.58 LE 10 DEC	1969
1970	---	366.60 LE 01 MAI *	365.45 LE 31 MAR	1970
1971	---	366.28 LE 09 MAI	365.33 LE 07 AVR *	1971
1972	---	---	---	1972
1973	---	366.36 LE 22 AVR	365.57 LE 02 MAR	1973
1974	---	366.38 LE 24 AVR	365.39 LE 04 AVR	1974
1975	---	366.28 LE 05 MAI	365.38 LE 15 AVR	1975
1976	---	366.49 LE 18 AVR	365.41 LE 19 MAR	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	366.47 LE 29 AVR	365.64 LE 21 MAR	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	366.41 LE 04 MAI	365.50 LE 17 MAR	1983
1984	---	366.35 LE 18 AVR	365.50 LE 31 MAR	1984
1985	---	366.38 LE 27 AVR	365.44 LE 27 MAR	1985
1986	---	366.38 LE 13 SEP	365.68 LE 31 DEC	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	366.25 LE 18 NOV	365.48 LE 23 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

NEMISCAU (LAC) - STATION NO. 03BC001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1950	---	---	---	---	---	30.04	---	---	---	---	---	---	---	1950
1951	---	---	---	---	---	28.95	---	28.86	28.67	28.84	---	---	---	1951
1952	---	28.93	28.78	---	---	---	---	---	---	29.85	29.45	---	---	1952
1953	---	---	---	---	29.51	29.35	29.45	29.17	29.18	---	---	---	---	1953
1955	---	---	---	---	---	29.35	29.04	28.74	28.74	28.90	---	---	---	1955
1956	28.98	28.73	28.62	28.96	---	29.74	29.44	29.47	29.56	---	---	---	---	1956
1957	29.00	---	---	---	---	---	29.86	---	29.37	29.26	29.29	---	---	1957
1958	29.08	28.92	---	---	---	29.46	---	---	29.56	---	---	29.14	---	1958
1959	---	28.83	28.70	28.62	29.56	29.83	---	---	---	29.18	---	---	---	1959
1960	---	---	---	---	---	29.53	---	---	---	29.29	---	29.21	---	1960
1961	28.99	---	28.62	28.63	---	29.05	28.79	28.69	28.71	28.79	---	---	---	1961
1962	---	---	---	28.43	---	---	---	---	---	29.17	---	---	---	1962
1963	---	---	---	28.20	---	29.05	29.02	29.03	28.89	28.79	28.68	28.97	---	1963
1964	28.82	28.62	28.50	28.63	---	---	---	---	---	29.69	---	---	---	1964
1965	---	---	---	---	---	---	29.30	29.41	29.41	29.48	29.45	29.19	---	1965
1966	28.91	28.78	28.67	28.90	29.43	---	29.77	29.75	29.77	29.96	---	---	---	1966
1971	---	---	---	---	---	---	---	---	---	29.25	29.28	---	---	1971
1973	---	---	---	---	29.67	---	---	---	---	---	---	---	---	1973
1974	---	28.77	---	---	---	30.29	29.78	29.35	29.23	29.47	---	---	---	1974
1975	---	---	---	28.53	29.24	29.39	29.30	29.37	29.12	29.02	29.13	29.07	---	1975
1976	28.86	28.71	28.59	28.76	29.51	29.76	29.44	---	---	---	---	---	---	1976
1977	---	---	28.59	28.69	29.48	29.50	29.30	29.16	29.73	29.48	29.27	29.16	---	1977
1978	28.94	---	---	---	---	---	29.54	29.48	29.43	---	---	---	---	1978
1979	---	---	28.65	28.81	30.12	30.09	---	29.56	29.55	29.88	29.97	---	---	1979
1980	---	29.08	28.84	28.84	29.61	29.42	29.35	29.16	29.00	29.19	29.30	---	---	1980
1981	---	28.76	---	---	---	---	---	---	---	29.07	29.00	28.83	---	1981
MOYEN	28.95	28.81	28.66	28.67	29.57	29.55	29.38	29.23	29.24	29.29	29.28	29.08	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 201.47 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 51 18 52
LONG 076 54 34

BASSIN VERSANT, 40 900 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

NEMISCAU (LAC) - STATION NO. 03BC001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1971	---	---	---	1971
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 201.47 m POUR OBTENIR LES COTES GEODESIQUES

NICHICUN (LAC) - STATION NO. 03DA001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1950	---	---	---	---	22.34	23.13	23.34	23.07	22.74	22.69	22.78	22.74	---	1950
1951	22.60	22.45	22.32	22.34	22.59	22.82	22.82	22.73	22.61	22.57	22.66	22.64	22.60	1951
1952	22.51	22.36	22.27	22.26	22.51	22.81	23.21	22.94	22.92	22.93	22.80	22.66	22.72	1952
1953	22.51	22.38	22.26	22.25	22.45	22.82	22.92	22.76	22.74	22.82	22.80	22.75	22.62	1953
1954	22.60	22.45	22.35	22.21	22.50	22.97	22.95	22.78	22.72	22.71	22.72	22.63	22.63	1954
1955	22.52	22.38	22.24	22.13	22.40	22.90	22.91	22.67	22.55	22.58	22.72	22.69	22.56	1955
1956	22.55	22.42	22.29	22.17	22.17	22.63	23.12	22.99	22.92	23.01	22.96	22.75	22.67	1956
1957	22.50	---	---	---	---	22.95	23.36	23.15	23.00	22.92	22.84	22.72	---	1957
1958	22.58	22.44	22.35	22.28	22.47	23.23	23.31	22.97	22.91	22.93	22.87	22.70	22.75	1958
1959	---	22.36	22.24	22.24	22.52	23.32	23.31	23.20	22.92	22.85	23.01	22.92	---	1959
1960	22.66	22.47	22.33	22.24	22.47	23.00	22.96	22.98	23.07	23.02	23.01	22.89	22.76	1960
1961	22.69	22.50	22.35	22.26	22.45	22.79	22.86	22.73	22.65	22.66	22.64	22.61	22.60	1961
1962	22.50	22.39	22.30	22.22	22.33	22.84	22.88	22.68	22.71	22.73	22.65	22.48	22.56	1962
1963	22.32	22.25	22.09	21.96	22.19	22.85	22.95	22.83	22.64	22.54	22.54	22.36	22.48	1963
1964	22.47	22.38	22.30	22.25	22.67	23.27	23.03	22.78	22.73	22.79	22.80	22.68	22.68	1964
1965	22.54	22.40	22.31	22.23	22.35	23.03	23.40	23.38	23.29	23.14	23.01	22.81	22.83	1965
1966	22.62	22.49	22.41	22.43	22.56	23.13	23.35	23.16	23.13	23.10	23.09	23.00	22.87	1966
1967	22.80	22.62	22.48	22.45	22.63	23.15	23.30	23.32	23.21	23.11	23.23	23.19	22.96	1967
1968	23.01	22.83	22.68	22.61	22.99	23.28	23.26	23.39	23.55	23.53	23.27	23.17	23.14	1968
1969	23.01	22.90	22.80	22.71	22.81	23.40	23.85	23.67	23.59	23.71	23.66	23.50	23.30	1969
1970	22.97	22.81	22.57	22.37	22.59	23.00	23.14	22.92	22.83	22.80	22.73	22.61	22.78	1970
1971	22.41	---	---	---	---	22.78	22.91	22.90	22.97	23.18	23.15	---	---	1971
1972	---	---	---	---	---	22.84	23.12	22.96	22.87	22.87	22.80	22.58	---	1972
1973	22.24	---	---	---	---	23.24	23.11	22.89	22.89	---	---	---	---	1973
1974	22.80	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	23.18	22.96	22.78	22.67	22.65	---	---	1975
1976	---	---	---	---	22.66	23.32	---	---	22.47	---	---	---	---	1976
1977	---	---	---	22.32	22.49	23.20	23.13	---	---	---	---	---	---	1977
1978	---	---	---	22.34	22.48	23.16	23.36	23.27	23.20	23.00	22.84	---	---	1978
1979	---	---	---	---	22.81	23.41	23.20	22.96	22.89	22.99	23.17	---	---	1979
1980	---	22.52	22.38	22.32	22.63	23.12	23.07	---	---	22.74	22.81	22.71	---	1980
1981	---	22.46	22.37	22.34	22.50	23.29	23.29	22.85	22.61	22.60	22.61	---	---	1981
1982	---	---	---	22.24	22.45	23.12	---	23.16	---	---	---	22.75	---	1982
1983	22.61	22.49	22.40	22.43	22.77	23.35	---	---	---	---	---	---	---	1983
MOYEN	22.61	22.49	22.37	22.30	22.53	23.08	23.15	23.00	22.90	22.90	22.89	22.78	22.75	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 504.51 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 53 12 04
LONG 070 54 00

BASSIN VERSANT, 5 720 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

NICHICUN (LAC) - STATION NO. 03DA001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1950	---	---	---	1950
1951	---	22.88 LE 22 JUN	22.26 LE 30 MAR	1951
1952	---	23.38 LE 23 JUN	22.23 LE 01 AVR	1952
1953	---	22.98 LE 29 JUN	22.21 LE 01 AVR	1953
1954	---	23.05 LE 25 JUN	22.14 LE 25 AVR	1954
1955	---	23.02 LE 02 JUL	22.12 LE 07 AVR	1955
1956	---	23.17 LE 15 JUL	22.12 LE 20 AVR	1956
1957	---	---	---	1957
1958	---	23.46 LE 30 JUN	22.25 LE 17 AVR	1958
1959	---	---	---	1959
1960	---	23.10 LE 30 JUN	22.23 LE 15 AVR	1960
1961	---	22.88 LE 28 JUN	22.24 LE 22 AVR	1961
1962	---	22.95 LE 26 JUN	22.18 LE 29 AVR	1962
1963	---	23.02 LE 03 JUL	21.91 LE 22 AVR *	1963
1964	---	23.36 LE 24 JUN	22.24 LE 12 AVR	1964
1965	---	23.45 LE 12 JUL	22.21 LE 04 MAI	1965
1966	---	23.37 LE 29 JUN	22.39 LE 21 MAR	1966
1967	---	23.37 LE 16 AOU	22.42 LE 30 AVR	1967
1968	---	23.59 LE 23 SEP	22.54 LE 13 AVR	1968
1969	---	23.91 LE 11 JUL *	22.69 LE 24 AVR	1969
1970	---	23.27 LE 03 JUL	22.30 LE 23 AVR	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 504.51 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

NICOLET SUD-OUEST (RIVIERE) A LA VISITATION - STATION NO. 020D004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1968	---	---	---	---	---	---	---	---	---	22.14	22.33	22.72	---	1968
1969	22.78	22.76	22.86	24.04	22.69	22.33	22.24	22.20	22.33	22.19	22.76	22.69	22.65	1969
1970	22.64	23.06	23.00	24.26	22.71	22.25	22.16	22.07	22.55	---	22.37	22.72	---	1970
1971	22.60	22.93	23.30	24.44	22.62	22.12	22.09	22.53	22.79	22.34	22.24	22.97	22.74	1971
1972	22.87	22.71	23.35	24.56	22.83	22.70	22.73	22.19	22.32	22.76	22.60	23.10	22.99	1972
1973	23.46	23.43	24.06	---	---	---	22.40	22.36	22.63	22.59	22.93	22.56	---	1973
1974	23.79	23.28	23.16	23.82	23.36	---	---	22.38	22.36	22.21	22.51	22.86	---	1974
1975	22.91	22.70	23.76	23.75	22.47	22.41	22.27	22.17	22.31	22.45	22.66	22.83	22.72	1975
1976	22.75	23.64	24.40	23.60	---	---	22.72	22.66	22.49	22.78	22.78	23.20	---	1976
1977	22.74	22.85	23.82	23.07	22.26	22.28	22.15	22.21	22.30	22.99	22.59	22.86	22.68	1977
1978	23.24	22.99	23.11	24.43	---	22.31	22.19	22.17	22.15	22.39	22.44	---	---	1978
1979	23.13	22.98	23.97	---	22.35	22.38	22.14	22.30	22.67	22.37	22.64	22.86	---	1979
1980	22.96	22.54	23.37	22.81	22.48	22.21	22.28	22.29	22.47	22.66	22.71	22.93	22.64	1980
1981	22.50	---	22.57	22.88	22.54	22.62	22.39	22.75	22.42	22.73	22.67	22.68	---	1981
1982	22.97	22.77	23.35	23.96	---	---	---	---	---	---	---	---	---	1982
MOYEN	22.95	22.97	23.43	23.80	22.63	22.36	22.31	22.41	22.45	22.52	22.60	22.92	22.74	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 07 47
LONG 072 35 45

BASSIN VERSANT, 1 560 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

NICOLET SUD-OUEST (RIVIERE) A LA VISITATION - STATION NO. 020D004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1968	---	---	---	
1969	---	25.83 LE 11 AVR	21.92 LE 15 OCT	1968 1969
1970	---	---	---	
1971	---	---	---	
1972	---	26.29 LE 15 AVR *	21.89 LE 27 JUN *	1970
1973	---	26.18 LE 13 AVR	22.15 LE 30 MAI	1971 1972
1974	---	---	---	1973
		---	---	1974
1975	---	---	---	
1976	---	25.58 LE 21 MAR	22.10 LE 02 JUL	
1977	---	---	---	1975
1978	---	25.30 LE 16 MAR	22.08 LE 25 JUL	1976
1979	---	---	---	1977
		---	---	1978
1980	---	---	---	1979
1981	---	26.14 LE 23 MAR	22.12 LE 18 MAI	
1982	---	---	---	1980
		---	---	1981
			---	1982

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

NORD (RIVIER DU) AU BARRAGE BRULE - STATION NO. 02LC015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	366.86	366.84	366.71	366.84	367.08	366.93	366.90	366.77	366.51	366.19	366.19	366.80	366.72	1964
1965	367.05	366.93	366.67	366.66	367.20	367.08	366.99	367.06	367.10	367.14	367.08	366.88	366.99	1965
1966	366.99	366.89	366.85	366.94	367.06	367.10	366.80	367.00	366.75	366.76	367.18	367.22	366.96	1966
1967	367.11	366.80	366.47	366.98	367.08	367.14	367.06	367.00	366.96	366.96	367.07	366.94	366.96	1967
1968	366.86	366.61	366.53	367.23	366.94	367.08	367.13	366.97	366.90	366.86	367.04	367.13	366.94	1968
1969	367.07	366.76	366.33	366.91	367.24	367.06	367.08	367.05	366.98	366.79	366.99	366.92	366.93	1969
1970	366.77	366.78	366.66	366.84	367.08	366.80	366.75	366.77	366.69	366.71	366.97	366.99	366.82	1970
1971	367.01	366.79	366.59	366.75	367.25	367.07	367.05	367.00	367.05	367.04	366.95	367.01	366.96	1971
1972	366.86	---	366.87	366.80	367.29	367.14	367.22	367.09	367.04	367.18	367.14	367.02	---	1972
1973	366.99	366.89	366.91	367.11	367.12	367.13	367.12	367.06	367.02	367.05	366.96	367.02	367.03	1973
1974	366.97	367.00	366.82	---	367.28	367.12	367.02	366.89	---	367.16	367.09	367.04	---	1974
1975	366.98	366.89	366.81	366.80	367.31	367.15	366.96	366.78	366.84	367.10	367.14	367.13	366.99	1975
1976	366.98	366.81	366.67	367.27	367.02	367.03	367.11	367.07	367.11	367.11	367.10	367.09	367.03	1976
1977	367.03	366.99	366.88	---	367.08	367.11	367.11	367.13	367.06	---	367.13	367.09	---	1977
1978	367.05	366.89	366.61	366.76	367.20	367.21	367.15	---	367.09	367.03	367.08	367.07	---	1978
1979	367.11	367.05	366.92	367.15	367.07	367.10	367.11	367.10	367.13	---	367.14	367.10	---	1979
1980	367.00	366.93	366.89	367.16	367.12	367.12	367.10	367.12	366.99	367.07	367.04	366.91	367.04	1980
1981	366.79	366.96	367.07	367.21	367.13	367.16	367.06	367.07	367.12	367.14	367.08	---	---	1981
1982	366.80	366.76	366.69	366.88	367.11	367.14	367.09	367.01	367.10	---	367.13	367.12	---	1982
1983	367.05	367.05	367.02	367.13	367.24	367.11	367.14	367.08	366.98	367.06	367.13	367.11	367.09	1983
1984	367.03	367.05	366.79	367.06	367.19	367.15	367.17	367.13	367.14	367.11R	367.08R	367.12R	367.08R	1984
1985	366.99	366.87	366.88	367.02	367.16	367.16	367.12	367.03	367.06	---	367.08R	366.91R	---	1985
1986	366.83	366.82	366.96	367.20	---	367.16	367.14	367.15	367.19	367.12R	367.07R	367.04R	---	1986
1987	366.98	366.94	366.97	---	367.15	367.15	367.13	367.09	373.71	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	---	---	---	---	1988
1989	367.13	---	---	---	367.13	367.14	367.11	367.10	367.09	367.11	367.16	367.13	---	1989
1990	367.12	367.04	366.90	---	367.14	367.15	367.13	367.14	367.11	---	367.14	367.06	---	1990
MOYEN	366.98	366.89	366.78	366.99	367.15	367.10	367.07	367.03	367.27	366.98	367.05	367.04	366.97	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 04 40
LONG 074 16 55

BASSIN VERSANT, 141 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

NORD (RIVIER DU) AU BARRAGE BRULE - STATION NO. 02LC015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	367.48 LE 20 AVR	366.14 LE 09 OCT *	1964
1965	---	367.32 LE 27 AVR	366.22 LE 04 AVR	1965
1966	---	367.26 LE 11 NOV	366.59 LE 26 SEP	1966
1967	---	367.39 LE 25 AVR	366.32 LE 27 MAR	1967
1968	---	367.44 LE 16 AVR	366.37 LE 15 MAR	1968
1969	---	367.45 LE 19 AVR	366.26 LE 13 MAR	1969
1970	---	367.59 LE 30 AVR	366.51 LE 01 AVR	1970
1971	---	367.41 LE 09 MAI	366.48 LE 09 AVR	1971
1972	---	---	---	1972
1973	---	367.50 LE 24 AVR	366.67 LE 23 FEV	1973
1974	---	---	---	1974
1975	---	367.51 LE 07 MAI	366.49 LE 13 AVR	1975
1976	---	367.62 LE 19 AVR *	366.50 LE 20 MAR	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	367.44 LE 11 AVR	366.79 LE 30 MAR	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	367.58 LE 04 MAI	366.09 LE 19 MAR	1983
1984	---	367.40 LE 18 AVR	366.53 LE 02 AVR	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

NORD (RIVIERE DU) AU BARRAGE DE LA MONTAGNE NOIRE - STATION NO. 02LC011

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	452.08	452.17	452.29	452.60	453.25	453.31	452.85	452.17	452.05	452.05	452.11	452.08	452.42	1964
1965	451.97	452.05	452.13	452.30	452.86	453.01	452.96	452.70	452.97	453.30	453.31	453.13	452.73	1965
1966	453.17	453.19	453.01	452.57	453.04	453.31	453.27	453.13	453.03	453.05	453.28	453.49	453.13	1966
1967	453.33	453.28	453.13	453.35	453.42	453.45	453.31	453.24	452.76	452.91	453.31	453.43	453.24	1967
1968	453.34	453.28	452.87	452.80	452.94	453.09	453.16	453.13	453.07	453.08	453.10	453.22	453.09	1968
1969	453.31	452.88	452.61	452.99	453.39	453.40	453.44	453.34	452.94	452.81	453.00	453.01	453.09	1969
1970	453.20	453.30	453.30	452.92	452.99	453.08	453.12	453.11	453.14	453.31	453.45	453.59	453.21	1970
1971	453.62	453.55	453.52	453.49	453.67	453.71	453.57	453.43	453.44	453.10	452.73	---	---	1971
1972	453.05	453.11	453.12	453.17	453.68	453.67	453.47	453.54	453.50	453.55	453.50	453.18	453.38	1972
1973	453.14	453.15	453.01	453.05	453.25	453.40	453.43	453.37	453.32	453.06	452.83	453.06	453.17	1973
1974	453.21	453.28	453.22	453.14	453.38	453.48	453.42	453.28	453.11	453.09	453.22	453.37	453.27	1974
1975	453.41	453.41	453.18	453.08	453.43	---	453.30	453.14	452.98	453.01	453.14	453.32	---	1975
1976	453.36	453.38	453.21	453.30	---	---	---	453.36	453.24	453.41	453.38	453.41	---	1976
1977	453.30	453.27	453.02	453.09	453.30	453.40	---	453.37	453.39	453.42	453.41	---	---	1977
1978	453.38	---	453.08	453.08	453.30	453.37	453.44	---	453.42	453.46	453.46	---	---	1978
1979	---	---	453.11	452.98	453.42	453.43	453.46	453.45	---	453.43	453.47	453.41	---	1979
1980	453.36	453.29	453.24	453.32	453.41	453.43	453.50	453.42	453.44	453.45	453.38	---	---	1980
1981	---	453.36	453.20	453.36	453.50	453.56	453.47	453.44	453.47	453.46	453.47	---	---	1981
1982	---	453.28	453.20	453.15	453.36	453.45	453.41	453.30	453.35	453.37	453.44	453.48	---	1982
1983	453.38	453.34	453.26	453.32	453.42	453.39	453.35	453.34	453.35	453.44	453.43	453.36	453.37	1983
1984	453.30	453.28	453.19	453.20	---	---	---	---	---	453.32R	453.43R	453.46R	---	1984
1985	453.28	---	---	453.25	453.43	453.47	453.38	453.34	453.30	453.36	453.43R	453.50R	---	1985
1986	453.49	453.35	453.31	453.38	453.43	453.41	453.45	453.48	453.45	453.50R	453.33R	453.26R	453.40R	1986
1987	453.23	453.21	453.22	453.36	453.43	453.38	453.38	453.29	453.26	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	453.42	453.37	453.39	---	1988
1989	453.40	453.38	453.17	452.89	453.33	453.44	453.40	453.37	453.39	453.40	453.40	---	---	1989
1990	453.41	453.38	453.19	453.13	453.37	453.43	453.44	453.41	453.36	---	---	---	---	1990
MOYEN	453.21	453.18	453.07	453.09	453.33	453.39	453.35	453.26	453.20	453.23	453.26	453.27	453.13	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 10 55
LONG 074 16 38

BASSIN VERSANT, 13.1 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

NORD (RIVIERE DU) AU BARRAGE DE LA MONTAGNE NOIRE - STATION NO. 02LC011

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	453.42 LE 28 MAI	452.01 LE 22 JAN	1964
1965	---	453.36 LE 25 OCT	451.92 LE 21 JAN *	1965
1966	---	453.64 LE 12 DEC	452.43 LE 15 AVR	1966
1967	---	453.56 LE 17 JUN	452.67 LE 21 SEP	1967
1968	---	453.41 LE 01 JAN	452.69 LE 21 MAR	1968
1969	---	453.51 LE 29 JUL	452.58 LE 25 FEV	1969
1970	---	453.61 LE 30 DEC	452.81 LE 15 AVR	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	454.00 LE 14 MAI *	452.98 LE 01 JAN	1973
1974	---	453.48 LE 12 JUN	452.76 LE 25 OCT	1974
1975	---	453.59 LE 14 MAI	453.00 LE 10 AVR	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	453.52 LE 01 MAI	453.22 LE 17 MAR	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	453.55 LE 13 SEP	453.22 LE 01 AVR	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

NORD (RUISSEAU) SUR LE CHEMIN SAINT-DOMINIQUE - STATION NO. 02LC019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	---	---	---	64.462	63.640	63.379	63.460	63.378	63.232	63.422	63.440	63.326	---	1972
1973	63.409	63.509	63.911	63.531	63.347	63.239	63.136	63.035	63.038	63.182	63.180	63.237	63.312	1973
1974	63.348	63.283	63.547	63.940	63.515	63.174	63.022	63.020	63.000	63.028	63.271	---	---	1974
1975	---	---	63.593	64.179	63.222	63.132	62.934	62.898	63.052	63.202	63.260	63.160	---	1975
1976	***	63.795	63.828	64.064	63.292	63.086	63.047	62.986	63.006	63.183	63.152	63.007	***	1976
1977	62.926	63.347	64.089	63.576	63.023	62.981	62.943	63.018	63.172	63.487	63.336	63.288	63.265	1977
1978	64.017	63.362	63.398	64.225	63.073	62.963	62.912	62.923	62.935	62.977	63.091	63.143	63.251	1978
1979	63.394	63.358	63.957	63.740	63.184	63.027	63.027	63.164	63.312	62.988	63.431	63.341	63.369	1979
1980	63.262	63.060	63.470	63.556	63.156	63.036	63.218	63.134	63.211	63.316	63.179	63.186	63.233	1980
1981	63.010	63.979	63.257	63.482	63.183	63.263	63.039	63.125	63.186	63.223	63.208	63.127	63.250	1981
1982	63.174	63.077	63.539	64.405	63.048	63.134	62.997	63.011	63.059	63.054	63.241	63.192	63.260	1982
1983	63.200	63.318	63.629	63.801	63.589	63.041	62.953	62.955	62.981	63.037	63.486	63.259	63.270	1983
1984	0.49 R	0.86 R	0.85 R	1.29 R	0.45 R	0.30 R	0.30 R	0.46 R	0.36 R	0.21 R	0.47 R	0.54 R	0.54 R	1984
1985	63.18 R	63.22 R	64.09 R	63.86 R	63.03 R	63.00 R	62.94 R	62.92 R	62.95 R	63.13 R	62.40 R	62.28 R	63.08 R	1985
1986	62.423	62.230	62.707	62.561	62.216	62.100	62.050	62.074	62.240	62.194	62.204	62.430	62.286	1986
MOYEN	***	58.492	59.133	59.645	58.998	58.857	58.799	58.807	58.849	58.939	58.949	58.625	***	MOYEN

PLAN DE REFERENCE - GEODESIQUES
AJOUTER -62.746 m POUR OBTENIR LES COTES ARBITRAIRE

LOCATION - LAT 45 44 12
LONG 074 00 03

BASSIN VERSANT, 22.6 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

*** - LES MOYENS NE SONT PAS CALCULES A CAUSES DES PERIODES DE SECHERESSES DURANT LE MOIS

NORD (RUISSEAU) SUR LE CHEMIN SAINT-DOMINIQUE - STATION NO. 02LC019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	64.874 LE 03 AVR	63.130 LE 21 SEP	1972
1973	---	64.538 LE 18 MAR	62.950E LE 07 SEP	1973
1974	---	64.627 LE 05 AVR	62.923 LE 15 JUL	1974
1975	---	64.727 LE 24 AVR	62.874 LE 08 SEP	1975
1976	---	65.026 LE 03 AVR	DEC LE 19 JAN *	1976
1977	---	64.938 LE 16 MAR	62.889 LE 15 JAN	1977
1978	---	64.800 LE 01 AVR	62.895 LE 17 AOU	1978
1979	---	65.035 LE 14 SEP	62.987 LE 21 JUN	1979
1980	---	64.664 LE 22 MAR	62.972 LE 11 JUL	1980
1981	---	65.346E LE 26 FEV	62.948 LE 26 MAI	1981
1982	---	65.419E LE 03 AVR *	62.967 LE 28 AOU	1982
1983	---	64.746 LE 19 MAR	62.886 LE 27 JUL	1983
1984	---	2.05 LE 12 NOV	0.17 LE 21 OCT	1984
1985	---	64.42 LE 28 MAR	62.07 LE 27 NOV	1985
1986	---	63.711 LE 03 AVR	61.989 LE 09 MAR	1986

PLAN DE REFERENCE - GEODESIQUES
AJOUTER -62.74 m POUR OBTENIR LES COTES ARBITRAIRE

E - ESTIMATIVE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

NOUVELLE (RIVIERE) EN AMONT DU PONT - STATION NO. 01BF003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	---	---	---	---	---	21.72	21.55	21.27	---	1967
1968	21.07	---	---	---	---	21.46	21.30	21.27	21.28	21.30	21.36	---	---	1968
1969	---	---	21.16	21.28	22.16	21.76	---	---	21.56	21.39	21.53	21.35	---	1969
1970	21.61	---	---	21.19	22.05	21.69	21.33	21.24	21.41	21.72	21.39	21.42	---	1970
MOYEN	21.34	---	21.16	21.24	22.10	21.64	21.32	21.26	21.42	21.53	21.46	21.35	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 09 42
LONG 066 22 49

BASSIN VERSANT, 867 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

NOUVELLE (RIVIERE) EN AMONT DU PONT - STATION NO. 01BF003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970

PLAN DE REFERENCE - ARBITRAIRE

NOUVELLE (RIVIERE) EN AVAL DU PONT - STATION NO. 01BF002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	---	---	---	---	---	6.39	6.22	6.08	---	1967
1968	5.90	---	---	6.37	6.50	6.14	---	5.95	5.97	6.03	6.08	5.95	---	1968
1969	5.91	5.91	5.90	6.09	6.99	---	---	---	6.40	6.19	6.37	---	---	1969
1970	---	---	---	---	7.00	6.48	6.10	5.93	6.17	6.36	---	---	---	1970
MOYEN	5.91	5.91	5.90	6.23	6.83	6.31	6.10	5.94	6.18	6.24	6.22	6.01	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 08 08
LONG 066 19 10

BASSIN VERSANT, 1 160 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

NOUVELLE (RIVIERE) EN AVAL DU PONT - STATION NO. 01BF002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970

PLAN DE REFERENCE - ARBITRAIRE

OPINACA (RESERVOIR) A LA DIGUE OA-10 - STATION NO. 03CE002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	---	---	---	---	---	26.63R	26.66R	26.50R	25.39R	25.08R	24.87R	---	---	1983
1984	---	23.99R	---	23.58R	24.63R	25.88R	26.28R	26.32R	26.34R	26.66R	26.03R	---	---	1984
1985	---	24.77	24.13	23.77	23.73	---	---	---	---	---	---	---	---	1985
MOYEN	---	24.38	24.13	23.68	24.18	26.25	26.47	26.41	25.86	25.87	25.45	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 52 22 35
LONG 076 46 25

BASSIN VERSANT, 10 400 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

OPINACA (RESERVOIR) A LA DIGUE OA-10 - STATION NO. 03CE002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985

PLAN DE REFERENCE - ARBITRAIRE

ORFORD (LAC) - STATION NO. 02OH009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1970	---	---	---	---	---	---	---	---	29.82R	29.79R	29.77R	29.86R	---	1970
1971	29.81R	29.73R	29.66R	29.87R	30.26R	29.91R	29.87R	29.91R	30.03R	29.90R	29.76R	30.07R	29.90R	1971
1972	---	29.72R	29.73R	29.84R	30.04R	29.96R	29.98R	30.00R	29.91R	29.83R	29.81R	29.79R	---	1972
1973	29.81R	29.78R	30.02R	30.08R	30.00R	29.96R	30.05R	29.89R	29.88R	29.90R	29.95R	30.03R	29.95R	1973
1974	29.97R	---	29.82R	30.05R	30.13R	30.06R	30.00R	29.88R	29.77R	29.80R	29.79R	---	---	1974
1975	---	---	---	---	---	---	29.85R	29.78R	29.89R	29.95R	---	29.58R	---	1975
1976	---	29.78R	---	---	---	---	29.84R	29.86R	---	29.84R	---	---	---	1976
1977	---	---	---	29.89R	30.05R	29.85R	29.93R	---	29.99R	---	30.10R	30.19R	---	1977
1978	---	30.16R	---	30.18R	---	---	---	30.10R	---	---	---	30.04R	---	1978
1979	---	30.07R	---	30.17R	30.14R	30.12R	29.99R	29.94R	---	---	---	---	---	1979
1980	---	29.89R	29.93R	30.18R	30.16R	30.09R	30.10R	30.16R	30.10R	30.08R	30.21R	30.10R	---	1980
1981	29.95R	30.11R	29.91R	30.20R	30.10R	30.14R	30.08R	30.15R	30.13R	30.09R	30.14R	30.09R	30.09R	1981
1982	30.05R	30.01R	30.06R	30.27R	30.05R	29.97R	---	---	---	---	---	---	---	1982
MOYEN	29.92R	29.92R	29.88R	30.07R	30.10R	30.01R	29.97R	29.97R	29.95R	29.92R	29.94R	29.97R	29.98R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 17 45
LONG 072 16 40

BASSIN VERSANT, 9.66 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 01 1988

ORFORD (LAC) - STATION NO. 02OH009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	30.54 LE 10 MAI *	29.57 LE 02 MAR *	1972
1973	---	---	---	1973
1974	---	30.27 LE 01 JUL	29.75 LE 19 FEV	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	30.36 LE 22 FEV	29.79 LE 26 MAR	1982

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUAREAU (LAC) - STATION NO. 02OB019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	28.55	28.67	28.58	28.64	28.72	28.74	---	1966
1967	28.50	28.46	---	---	---	---	---	28.81	28.55	28.81	28.77	---	---	1967
1968	---	---	---	---	28.87	---	28.84	28.67	28.63	28.47	28.42	---	---	1968
1969	---	---	---	---	28.84	29.01	28.71	---	28.54	28.17	28.58	28.36	---	1969
1970	28.26	28.21	28.22	28.61	29.13	28.58	---	28.80	28.60	---	28.52	28.50	---	1970
1971	28.29	28.24	28.23	28.31	29.57	28.79	28.82	---	28.81	28.52	---	---	---	1971
1972	---	28.64	28.60	28.68	29.31	---	---	28.75	28.67	28.68	28.53	28.35	---	1972
1973	28.29	28.39	28.59	---	28.95	---	28.84	28.77	28.61	28.45	28.43	28.90	---	1973
1974	28.87	28.84	28.65	28.73	29.30	28.81	28.77	28.77	28.76	28.82	28.81	28.76	28.82	1974
1975	28.65	28.58	28.57	28.59	29.14	28.86	---	---	28.27	28.62	---	28.94	---	1975
1976	---	28.61	---	29.20	28.89	28.54	28.91	28.91	---	28.63	28.54	28.59	---	1976
1977	28.51	28.48	28.56	28.96	---	---	---	28.64	28.38	28.38	28.53	28.76	---	1977
1978	28.69	28.63	28.54	28.59	28.96	28.77	28.79	---	---	28.45	28.77	28.64	---	1978
1979	28.61	28.50	28.61	28.79	29.10	28.91	28.90	28.75	28.85	28.92	28.72	28.79	28.79	1979
1980	28.65	28.47	28.39	28.81	28.86	28.79	28.80	28.83	28.74	28.87	28.66	28.46	28.69	1980
1981	28.32	28.46	28.54	28.99	28.94	28.91	28.68	28.72	28.85	28.73	28.92	28.66	28.73	1981
1982	---	---	---	28.76	28.95	28.73	28.69	---	---	---	---	---	---	1982
MOYEN	28.51	28.50	28.50	28.75	29.03	28.82	28.77	28.76	28.63	28.61	28.64	28.65	28.76	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 355.00 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 16 59
LONG 074 10 01

BASSIN VERSANT, 355 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

OUAREAU (LAC) - STATION NO. 02OB019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	29.79 LE 03 MAI	28.50 LE 04 AVR	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	29.68 LE 01 MAI	28.45 LE 03 MAR	1979
1980	---	29.23 LE 17 AVR	28.36 LE 17 MAR	1980
1981	---	29.87 LE 07 AVR *	28.17 LE 28 MAR *	1981
1982	---	---	---	1982

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 355.00 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUASIEMSCA (RIVIERE) EN AVAL DE LA RIVIERE MICOSAS - STATION NO. 02RE003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	---	---	---	---	---	---	30.89	---	1965
1966	30.63	30.76	30.75	31.21	---	---	---	---	---	31.76	31.79	---	---	1966
1968	---	---	---	---	---	---	---	---	---	32.04	31.17	30.87	---	1968
1969	30.84	---	30.72	30.99	32.31	32.34	32.42	32.41	32.39	31.95	31.25	30.93	---	1969
1970	30.82	30.77	30.76	30.90	32.27	32.19	32.41	32.19	32.44	32.06	31.32	30.91	31.59	1970
1971	30.87	---	30.68	30.85	32.24	32.09	32.24	---	---	32.26	31.52	---	---	1971
1972	30.84	---	---	---	32.24	32.43	32.03	31.75	32.33	32.15	---	30.92	---	1972
1973	30.83	30.83	30.75	31.40	32.72	32.60	32.34	32.71	32.57	32.31	31.18	30.92	31.77	1973
1974	30.84	30.78	30.74	30.87	32.63	32.72	32.29	---	32.28	32.33	31.80	31.10	---	1974
1975	30.88	30.74	---	---	---	---	32.56	32.52	32.52	32.18	31.67	---	---	1975
1976	---	---	---	31.38	32.56	32.52	32.40	32.51	32.55	32.39	31.07	30.73	---	1976
1977	30.64	30.57	30.62	31.15	---	---	---	32.15	32.25	31.75	31.16	30.66	---	1977
1978	---	30.53	30.55	30.70	32.38	32.88	32.70	32.37	32.45	32.42	31.24	30.74	---	1978
1979	---	---	---	31.29	32.31	31.27	---	---	---	---	---	---	---	1979
MOYEN	30.80	30.71	30.70	31.07	32.41	32.34	32.38	32.33	32.42	32.13	31.38	30.87	31.68	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 49 06 09
LONG 072 43 57

BASSIN VERSANT, 3 320 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

OUASIEMSCA (RIVIERE) EN AVAL DE LA RIVIERE MICOSAS - STATION NO. 02RE003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965
1966	---	---	---	1966
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	33.32 LE 04 MAI *	30.70 LE 29 MAR *	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	33.04 LE 04 MAI	30.70 LE 11 MAR	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUIATCHOUANE (RIVIERE) AU RESERVOIR DES COMMISSAIRES - STATION NO. 02RG007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	22.36	21.20	20.47	21.01	22.95	24.33	24.70	24.60	24.57	24.58	24.76	24.15	23.32	1965
1966	21.59	20.90	20.77	21.28	23.37	24.56	24.73	24.70	24.57	24.69	24.77	24.05	23.42	1966
1967	24.65	22.59	21.23	21.07	23.61	24.77	24.86	24.71	24.47	24.86	24.69	24.73	23.86	1967
1968	22.99	21.24	20.94	22.20	23.94	24.28	24.41	24.78	24.68	24.65	24.86	24.71	23.65	1968
1969	23.64	22.48	21.21	21.19	24.14	24.96	24.74	24.44	24.65	24.80	24.96	24.68	23.84	1969
1970	23.00	21.66	21.14	21.12	24.36	24.64	24.56	23.56	23.60	24.32	24.57	23.82	23.38	1970
1971	21.85	20.98	20.84	21.01	23.77	23.48	23.25	23.18	23.15	23.22	22.31	21.14	22.36	1971
1972	19.99	19.94	19.92	19.78	21.49	21.75	21.03	20.39	20.19	20.72	20.42	19.83	20.46	1972
1973	19.81	19.86	19.86	20.15	21.65	21.21	20.60	22.15	23.19	23.85	24.29	24.80	21.80	1973
1974	24.63	---	22.05	---	23.70	24.84	24.83	24.75	24.18	24.63	24.95	24.89	---	1974
1975	23.98	22.34	---	---	23.25	24.71	---	24.66	24.90	24.64	24.65	24.61	---	1975
1976	23.85	22.32	20.95	21.82	23.60	24.85	24.79	24.82	24.75	24.76	24.65	24.61	23.82	1976
1977	24.03	22.86	21.76	21.78	24.47	24.68	24.69	24.67	24.63	24.71	24.62	24.67	23.96	1977
1978	24.25	22.77	21.62	21.35	23.76	24.72	---	24.66	---	24.64	24.76	24.64	---	1978
1979	24.24	22.80	21.57	21.75	24.36	24.77	---	---	24.50	24.71	24.68	24.73	---	1979
1980	24.35	23.33	22.65	23.40	24.70	24.71	---	24.69	24.68	24.66	24.64	24.62	---	1980
1981	24.08	23.13	23.00	23.64	24.86	24.79	24.73	24.63	24.44	24.28	24.41	24.53	24.24	1981
1982	24.30	---	---	21.55	23.71	---	24.87	24.78	24.82	24.29	24.57	24.40	---	1982
1983	23.64	22.69	21.60	22.04	24.86	24.83	24.73	---	24.59	24.73	24.82	24.68	---	1983
1984	23.26	21.59	---	---	24.64	24.67	24.64	24.59	24.41	24.28R	24.29R	24.52R	---	1984
1985	23.81	22.25	20.70	20.46	23.47	24.89	24.81	---	---	24.62R	24.80R	24.56R	---	1985
1986	23.52	22.23	20.99	21.97	24.60	24.78	24.76	24.70	24.69	24.73R	24.61R	24.08R	23.82R	1986
1987	23.06	21.75	---	21.94	22.96	23.87	24.18	24.28	24.35	24.63R	24.77R	24.56R	---	1987
1988	23.78	22.18	20.67	21.67	24.27	24.66	24.70	24.71	24.73	24.73	24.71	23.99	23.74	1988
1989	22.70	21.55	20.60	20.73	23.88	24.68	24.66	---	24.46	24.40	24.71	23.99	---	1989
1990	22.57	21.41	20.59	20.89	---	---	24.64	---	24.40	---	---	---	---	1990
MOYEN	23.23	21.92	21.14	21.48	23.77	24.35	24.27	24.21	24.23	24.37	24.41	24.19	23.26	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 12 06
LONG 072 14 35

BASSIN VERSANT, 562 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

OUIATCHOUANE (RIVIERE) AU RESERVOIR DES COMMISSAIRES - STATION NO. 02RG007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	24.89 LE 28 NOV	20.22 LE 19 MAR	1965
1966	---	24.94 LE 11 DEC	20.73 LE 10 MAR	1966
1967	---	25.05 LE 20 OCT	20.96 LE 05 AVR	1967
1968	---	24.98 LE 07 DEC	20.90 LE 16 MAR	1968
1969	---	25.95 LE 13 MAI *	20.86 LE 09 AVR	1969
1970	---	24.89 LE 07 JUN	20.82 LE 12 AVR	1970
1971	---	24.39 LE 18 MAI	20.80 LE 08 AVR	1971
1972	---	22.35 LE 23 MAI	19.71 LE 18 AVR	1972
1973	---	24.96 LE 23 DEC	19.62 LE 16 AVR *	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	25.01 LE 18 AOU	20.77 LE 21 MAR	1976
1977	---	24.78 LE 19 OCT	21.31 LE 31 MAR	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	25.10 LE 14 MAI	22.53 LE 30 MAR	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	25.11 LE 24 MAI	20.64 LE 30 MAR	1986
1987	---	---	---	1987
1988	---	24.87 LE 06 OCT	20.38 LE 26 MAR	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUIQUI (LAC) - STATION NO. 02RG019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1976	---	---	---	---	---	---	---	---	---	---	---	158.21R	---	1976
1977	158.03R	157.55R	157.32R	156.98R	156.96R	157.41R	157.97R	158.23R	158.31R	158.34R	158.43R	158.40R	157.83R	1977
1978	158.26R	157.97R	157.59R	157.11R	---	---	157.91R	158.22R	158.25R	---	158.36R	158.45R	---	1978
1979	---	158.08R	157.73R	157.47R	---	---	158.13R	158.04R	157.84R	157.77R	157.89R	---	---	1979
1980	---	158.06R	157.69R	157.26R	157.05R	157.29R	---	---	---	---	---	158.44R	---	1980
1981	158.25R	158.00R	157.94R	---	158.20R	---	---	158.10R	157.78R	157.65R	157.90R	158.24R	---	1981
1982	---	---	157.58R	157.15R	---	---	---	---	157.96R	157.91R	158.11R	158.42R	---	1982
1983	158.52R	158.37R	158.09R	157.80R	157.82R	158.17R	158.23R	158.08R	157.93R	157.78R	157.78R	157.87R	158.04R	1983
1984	157.83R	157.66R	157.41R	157.14R	157.21R	157.75R	158.14R	158.21R	158.12R	157.93R	157.77R	157.81R	157.75R	1984
1985	157.89	157.77	157.51	157.12	156.91	157.41	157.96	---	158.11	157.98R	157.93R	157.87R	---	1985
1986	157.75	157.50	157.20	157.09	157.18	157.80	158.22	158.30	158.30	158.36R	158.44R	158.44R	157.88R	1986
1987	158.28	157.96	157.53	157.23	157.21	157.53	---	---	158.02	158.10R	158.33R	158.44R	---	1987
1988	158.33	158.06	157.66	---	---	157.44	157.91	158.09	158.17	158.28	158.40	158.28	---	1988
1989	157.91	---	---	156.72	156.42	156.83	---	157.48	---	---	---	157.73	---	1989
1990	157.71	157.53	157.22	156.83	156.76	157.30	157.72	157.73	157.59	---	---	---	---	1990
MOYEN	158.07	157.88	157.57	157.16	157.17	157.49	158.02	158.05	158.03	158.01	158.12	158.20	157.88	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 21 47
LONG 071 33 42

BASSIN VERSANT, 0.26 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

OUIQUI (LAC) - STATION NO. 02RG019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1976	---	---	---	1976
1977	---	159.39 LE 08 NOV *	155.55 LE 28 FEV *	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	158.55 LE 11 JAN	157.70 LE 02 MAI	1983
1984	---	158.22 LE 06 AOU	157.09 LE 04 MAI	1984
1985	---	---	---	1985
1986	---	158.49 LE 04 DEC	157.00 LE 03 MAI	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTAOUAIS (RIVIERE DES) - STATION NO. 02JB006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	288.15	288.13	288.20	---	1982
1983	288.24	288.18	288.12	287.70	288.20	288.21	288.20	288.20	288.23	288.29	288.18	288.21	288.16	1983
1984	288.13	288.25	287.99	287.71	288.17	288.07	288.24	288.17	288.20	288.28	288.29	288.24	288.15	1984
1985	288.35	288.37	288.07	287.66	288.30	288.31	288.23	288.35	288.28	288.31	288.30	288.21	288.23	1985
1986	288.15	288.35	287.76	287.87	288.36	288.30	288.04	288.20	288.40	288.27	288.18R	288.22R	288.17R	1986
1987	288.29	287.99	287.79	287.82	288.28	288.39	288.28	288.36	288.23	288.40	288.26	288.32	288.20	1987
1988	---	---	---	---	---	---	---	288.41	288.44	288.24	288.28	288.39	---	1988
1989	288.32	288.16	---	---	---	---	---	---	---	288.37	288.38	288.25	---	1989
1990	288.32	288.30	288.16	287.75	288.22	288.27	288.39	288.39	288.32	---	---	---	---	1990
MOYEN	288.26	288.23	287.98	287.75	288.26	288.26	288.23	288.30	288.30	288.29	288.25	288.26	288.18	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 56 00
LONG 078 34 38

BASSIN VERSANT, 14 000 km²
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

OUTAOUAIS (RIVIERE DES) - STATION NO. 02JB006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	288.46 LE 26 MAI	287.19 LE 24 AVR	1983
1984	---	288.49 LE 19 JUL	287.39 LE 27 MAR	1984
1985	---	288.58 LE 24 AVR	287.10 LE 11 AVR	1985
1986	---	288.73 LE 28 AVR *	287.03 LE 24 MAR *	1986
1987	---	288.65 LE 04 JUN	287.28 LE 26 MAR	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTAOUAIS (RIVIERE DES) A CARILLON (AMONT) - STATION NO. 02LB026

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	---	---	---	---	---	---	---	40.74	41.11	41.05	41.02	---	---	1963
1964	41.07	---	41.06	41.01	---	41.10	---	41.07	41.11	41.12	41.12	41.07	---	1964
1965	41.10	41.12	41.05	41.09	41.13	41.12	41.14	41.13	41.10	41.09	41.10	41.09	41.10	1965
1966	41.00	41.06	41.07	40.95	40.97	41.08	41.09	41.09	41.09	41.11	41.10	41.04	41.05	1966
1967	41.04	40.85	40.80	40.07	40.31	40.66	41.11	41.15	41.17	41.07	40.72	---	---	1967
1968	---	40.94	40.62	40.37	41.11	41.12	41.13	41.14	41.13	41.12	41.13	41.11	---	1968
1969	41.16	41.10	41.04	40.65	40.08	41.09	41.13	41.14	41.14	41.15	41.09	41.09	40.99	1969
1970	41.08	41.11	41.05	40.52	40.17	40.69	40.95	41.09	41.12	41.14	41.12	41.10	40.93	1970
1971	41.04	41.02	41.03	40.33	40.37	41.11	41.14	41.14	41.12	41.12	41.12	41.14	40.97	1971
1972	41.12	41.06	41.05	40.43	40.26	41.14	41.14	41.14	41.14	41.14	41.13	41.11	40.99	1972
1973	41.11	41.09	40.58	41.03	41.13	41.15	41.20	41.15	41.11	41.11	41.06	41.14	41.07	1973
1974	41.04	41.05	41.07	40.98	40.97	41.05	41.00	41.11	41.10	41.31	41.25	41.17	41.10	1974
1975	41.24	41.26	41.12	41.01	41.00	41.14	41.14	41.23	41.21	41.27	41.25	41.26 R	41.18 R	1975
1976	41.06	41.27	40.82	40.44	40.80	41.19	41.22	41.26	41.32	41.29	41.21	41.29	41.10	1976
1977	41.24	41.19	40.76	40.63	41.04	41.17	41.19	41.20	41.08	---	41.15	---	---	1977
1978	41.03	41.01	41.01	40.62	40.82	41.18	41.16	41.13	41.13	41.14	41.06	41.04	41.03	1978
1979	41.01	40.96	---	40.41	40.44	41.01	41.12	---	41.14	41.12	41.09	40.99	---	1979
1980	40.80	41.02	41.06	40.78	40.84	---	41.10	41.15	41.13	41.08	40.78	41.15	---	1980
1981	41.10	40.85	40.59	40.35	40.98	41.20	41.17	41.17	41.11	41.15	41.14	41.13	41.00	1981
1982	41.05	41.07	41.05	40.78	40.94	41.15	41.14	41.14	41.14	41.14	41.13	41.11	41.07	1982
1983	41.074	41.090	41.040	41.072	40.442	40.812	41.148	41.150	41.147	41.119	41.068	41.056	41.017	1983
1984	41.085	41.067	41.038	40.542	40.928	41.145	41.151	41.152	41.141	41.136	41.104	41.091	41.049	1984
1985	41.091	41.141	40.965	40.786	40.645	41.158	41.164	41.151	41.159	41.147	41.093	41.101	41.049	1985
1986	41.030	40.983	41.040	40.852	41.113	41.154	41.157	41.159	41.159	41.151	41.130	41.101	41.087	1986
1987	41.098	41.071	41.016	40.798	41.141	41.149	41.160	---	41.154	41.160	41.130	41.085	---	1987
1988	41.067	41.086	41.062	40.666	40.982	41.161	41.167	41.172	41.169	41.165	40.995	---	---	1988
1989	0.564	0.570	0.560	0.493	0.954	1.253	1.520	1.278	0.981	0.693	---	---	---	1989
1990	---	0.558	0.444	---	0.520	0.616	0.619	0.624	0.625	0.619	0.606	---	---	1990
MOYEN	39.452	37.946	37.846	39.141	37.696	37.992	38.052	38.041	38.261	38.145	39.589	41.112	41.046	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 40.538 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 45 34 10
LONG 074 23 00

REGULARISE

R - REVISEE DEPUIS JAN 01 1988

OUTAOUAIS (RIVIERE DES) A CARILLON (AMONT) - STATION NO. 02LB026

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	---	---	1963
1964	41.25R LE 25 SEP A 15:24 HNE 41.260R LE 16 JUN	41.18 LE 24 DEC	40.75 LE 19 AVR	1964
1965	41.26R LE 05 JUL A 14:35 HNE	41.19 LE 11 FEV	40.85 LE 27 MAR	1965
1966	41.24R LE 06 FEV A 16:50 HNE	41.17 LE 24 FEV	40.38 LE 28 AVR	1966
1967	41.34R LE 23 NOV A 4:23 HNE	41.19 LE 18 AOU	39.64 LE 02 AVR	1967
1968	41.25R LE 25 JAN A 7:20 HNE	41.17 LE 21 NOV	39.62 LE 31 MAR	1968
1969	41.40R LE 08 NOV A 13:24 HNE	41.27 LE 09 JAN	39.61 LE 22 MAI	1969
1970	41.26R LE 11 JUL A 17:20 HNE	41.17 LE 03 JUL	39.59 LE 10 JUN	1970
1971	41.30 LE 24 SEP	41.18 LE 04 AOU	39.48 LE 23 AVR	1971
1972	41.35 LE 08 DEC A 16:11 HNE	41.17 LE 12 JAN	39.51 LE 04 MAI	1972
1973	41.46 LE 03 JUL A 17:24 HNE	41.23 LE 23 AOU	40.10 LE 20 MAR	1973
1974	41.53 LE 29 SEP A 21:13 HNE	41.40 LE 17 OCT	40.41 LE 15 FEV	1974
1975	41.64 LE 20 FEV A 16:32 HNE *	41.55 LE 23 FEV *	40.66 LE 10 MAI	1975
1976	41.63 LE 28 JAN A 9:45 HNE	41.49 LE 01 JAN	39.92 LE 27 AVR	1976
1977	41.61 LE 16 JAN A 15:55 HNE	41.50 LE 06 MAR	39.85 LE 24 MAR	1977
1978	41.49 LE 06 SEP A 20:57 HNE	41.22 LE 13 JUN	39.73 LE 02 MAI	1978
1979	41.48 LE 06 OCT A 6:20 HNE	41.22 LE 13 AOU	39.67 LE 27 MAR	1979
1980	41.45 LE 08 AOU A 16:01 HNE	41.25 LE 26 OCT	40.15 LE 18 AVR	1980
1981	41.39 LE 31 JAN A 18:04 HNE	41.26 LE 23 JUN	39.85 LE 08 MAR	1981
1982	41.53 LE 05 AVR A 04:35 HNE	41.21 LE 24 NOV	40.10 LE 04 MAI	1982
1983	---	41.339A LE 21 AVR	39.905 LE 24 MAI	1983
1984	41.32R LE 24 JAN A 06:31 HNE	41.199 LE 25 JAN	40.264 LE 17 AVR	1984
1985	41.252R LE 05 JAN A 04:57 HNE	41.194 LE 24 JUN	40.091 LE 08 MAI	1985
1986	41.284 LE 01 MAI A 15:41 HNE	41.207 LE 25 AOU	40.189 LE 10 AVR	1986
1987	41.308 LE 09 JUN A 05:40 HNE	41.228 LE 06 OCT	40.141 LE 04 AVR	1987
1988	41.466 LE 30 JUL A 15:08 HNE	41.197 LE 06 JUN	40.042 LE 09 AVR	1988
1989	---	---	---	1989
1990	0.758 LE 25 NOV A 13:47 HNE	0.680 LE 19 OCT	-0.321 LE 06 AVR *	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 40.53 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

A - JAUGE MANUELLE
(VOIR INDEX DE REFERENCE)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 01 1988

OUTAOUAIS (RIVIERE DES) A CARILLON (AVAL) - STATION NO. 02LB025

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	---	---	---	---	---	---	---	---	---	---	21.71	---	---	1963
1964	21.96	21.92	22.08	22.39	22.15	21.93	21.76	21.59	21.51	21.53	21.53	---	---	1964
1965	---	---	---	---	---	21.81	21.59	21.77	22.06	22.69	22.42	22.37	---	1965
1966	22.42	22.26	22.64	22.68	22.42	22.21	21.79	21.91	21.76	21.79	22.05	22.78	22.23	1966
1967	22.38	22.48	22.14	23.17	22.92	22.58	22.19	21.83	21.79	22.17	22.78	22.35	22.40	1967
1968	22.44	22.36	22.48	22.88	21.99	21.89	22.02	21.85	21.79	21.68	21.72	21.87	22.08	1968
1969	22.11	22.08	22.10	22.87	22.93	22.30	22.01	22.00	21.75	21.73	22.19	22.15	22.18	1969
1970	22.11	22.04	22.05	22.65	22.84	22.40	22.33	22.12	21.83	21.88	21.98	22.03	22.19	1970
1971	22.10	22.17	22.27	23.07	22.91	21.98	21.68	21.68	21.65	21.56	21.54	21.75	22.03	1971
1972	21.88	21.96	22.01	22.86	23.43	22.48	22.50	22.31	22.17	22.19	22.47	22.35	22.39	1972
1973	22.40	---	23.23	23.19	23.04	22.62	22.35	22.10	21.96	22.05	22.00	22.18	---	1973
1974	22.26	22.22	22.57	23.18	24.06	23.25	22.38	21.97	21.79	21.79	22.14	22.25	22.49	1974
1975	22.21	22.19	---	---	22.64	22.24	21.75	---	---	21.62	21.72	---	---	1975
1976	---	---	---	23.85	23.12	22.25	---	---	21.81	21.79	21.72	21.99	---	1976
1977	22.17	22.02	---	22.99	22.76	21.66	21.71	21.63	21.68	21.92	21.99	22.43	---	1977
1978	22.52	22.53	22.23	23.04	22.72	21.95	21.71	21.65	21.55	21.73	21.71	21.87	22.10	1978
1979	22.10	22.18	22.67	23.18	23.52	22.31	21.91	---	---	---	22.43	22.68	---	1979
1980	22.51	22.30	22.41	22.95	22.55	21.86	21.96	22.00	21.91	22.31	22.33	22.30	22.28	1980
1981	22.27	22.79	22.87	23.30	22.68	---	21.96	21.83	22.12	22.11	22.23	21.99	---	1981
1982	22.08	22.15	22.21	22.90	22.34	---	---	---	21.55	21.61	21.93	22.36	---	1982
1983	22.540	22.410	22.593	22.693	23.571	22.691	21.788	21.684	21.549	21.621	21.931	22.249	22.276	1983
1984	22.152	22.322	22.376	23.343	22.606	22.439	22.227	22.022	21.916	21.779	22.133	22.312	22.300	1984
1985	22.551	22.456	22.783	22.980	23.010	21.942	21.907	22.092	21.792	21.730	21.847	22.057	22.262	1985
1986	22.136	22.247	22.182	22.908	22.607	22.272	21.961	22.001	22.014	22.153	22.145	22.189	22.233	1986
1987	22.174	22.160	22.334	22.822	21.797	21.811	21.688	---	21.466	21.486	21.725	22.115	---	1987
1988	22.206	22.260	21.994	22.976	22.524	21.698	21.595	21.748	21.797	22.287	22.919	22.336	22.192	1988
1989	0.935	0.930	0.761	1.292	1.227	1.058	0.331	0.196	0.119	0.075	0.613	---	---	1989
1990	0.859	---	1.116	1.366	---	---	0.491	0.269	0.128	0.641	0.797	1.229	---	1990
MOYEN	20.539	21.323	20.526	21.261	21.916	21.318	20.224	19.921	20.058	20.228	20.525	21.341	22.242	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 21.427 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 45 34 05
LONG 074 22 47 REGULARISE

OUTAOUAIS (RIVIERE DES) A CARILLON (AVAL) - STATION NO. 02LB025

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE		NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1963	22.33	LE 12 DEC A 11:40 HNE	---		---		1963
1964	22.930	LE 25 AVR A 2:17 HNE	---		---		1964
1965	22.95	LE 24 OCT A 19:20 HNE	---		---		1965
1966	23.48	LE 28 AVR A 9:39 HNE	23.35	LE 28 AVR	21.46	LE 01 AOU	1966
1967	23.67	LE 03 AVR A 21:59 HNE	23.57	LE 04 AVR	21.65	LE 18 SEP	1967
1968	23.64	LE 31 MAR A 9:48 HNE	23.55	LE 31 MAR	21.59	LE 14 OCT	1968
1969	23.46	LE 21 MAI A 8:10 HNE	23.35	LE 21 MAI	21.62	LE 15 SEP	1969
1970	23.40	LE 16 AVR A 10:31 HNE	23.29	LE 16 AVR	21.70	LE 07 SEP	1970
1971	24.37	LE 07 MAI A 15:50 HNE	23.96	LE 21 AVR	21.45	LE 07 SEP	1971
1972	24.10	LE 09 MAI A 1:01 HNE	24.05	LE 08 MAI	21.76	LE 02 JAN	1972
1973	24.40	LE 19 MAR A 18:29 HNE	24.29	LE 19 MAR	21.85	LE 29 SEP	1973
1974	24.73	LE 22 MAI A 17:30 HNE	24.66	LE 22 MAI	21.67	LE 25 SEP	1974
1975	23.79	LE 21 AVR A 19:05 HNE	23.71	LE 21 AVR	---		1975
1976	25.07	LE 04 AVR A 3:32 HNE *	24.97	LE 04 AVR *	21.55	LE 25 NOV	1976
1977	24.07	LE 17 MAR A 1:57 HNE	---		21.52	LE 17 SEP	1977
1978	23.80	LE 17 AVR A 23:01 HNE	23.73	LE 16 AVR	21.49	LE 10 SEP	1978
1979	24.18	LE 03 MAI A 8:33 HNE	24.15	LE 03 MAI	21.66	LE 29 JUL	1979
1980	23.71	LE 17 AVR	23.66	LE 17 AVR	21.66	LE 15 JUN	1980
1981	24.53	LE 26 FEV A 20:20 HNE	24.50	LE 26 FEV	21.67	LE 27 JUL	1981
1982	23.40	LE 23 AVR A 19:10 HNE	23.35	LE 23 AVR	21.47	LE 11 SEP	1982
1983	24.545	LE 14 MAI A 06:31 HNE	24.325A	LE 05 MAI	21.447	LE 03 NOV	1983
1984	23.80	LE 19 AVR A 07:35 HNE	23.778	LE 19 AVR	21.716	LE 05 OCT	1984
1985	23.944R	LE 01 MAI A 04:21 HNE	23.906	LE 01 MAI	21.619	LE 30 OCT	1985
1986	23.510	LE 09 AVR A 07:35 HNE	23.340	LE 25 MAI	21.814	LE 07 SEP	1986
1987	23.685	LE 27 MAR A 23:49 HNE	---		---		1987
1988	23.424	LE 18 AVR A 21:44 HNE	23.411	LE 09 AVR	21.511	LE 24 JUN	1988
1989	2.910	LE 30 MAR A 19:33 HNE	1.884	LE 30 MAR	-0.074	LE 16 OCT *	1989
1990	1.978	LE 19 MAR A 09:33 HNE	1.892	LE 19 MAR	0.053	LE 16 SEP	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 21.42 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

A - JAUGE MANUELLE
(VOIR INDEX DE REFERENCE)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 01 1988

OUTAOUAIS (RIVIERE DES) A GRENVILLE - STATION NO. 02LB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1933	39.91	39.66	39.55	41.51	41.58	40.35	39.62	39.45	39.15	39.00	39.11	39.13	39.83	1933
1934	39.07	39.06	39.14	41.09	41.84	40.56	39.89	39.27	39.24	39.45	39.40	39.65	39.81	1934
1935	39.49	39.38	39.76	40.46	40.39	39.89	39.95	39.53	39.34	39.31	39.53	39.42	39.71	1935
1936	39.38	39.35	40.18	40.94	42.21	41.00	39.69	39.29	39.28	39.71	40.04	39.56	40.05	1936
1937	40.05	39.92	40.03	40.76	41.33	40.12	39.49	39.38	39.27	39.53	40.35	39.98	40.02	1937
1938	39.59	39.62	40.25	41.71	41.40	40.24	39.49	39.36	39.41	39.54	39.45	39.41	39.95	1938
1939	39.38	39.39	39.42	40.31	41.60	40.71	40.08	39.89	39.43	39.50	39.66	39.45	39.90	1939
1940	39.30	39.24	39.27	40.31	40.87	41.08	40.20	39.49	39.51	39.35	39.52	39.57	39.81	1940
1941	39.57	39.52	39.53	40.89	40.48	39.65	39.56	39.46	39.51	39.97	40.50	40.13	39.90	1941
1942	39.84	39.80	40.06	41.01	40.89	40.43	39.56	39.38	39.28	39.27	39.48	39.35	39.86	1942
1943	39.43	39.50	39.75	40.62	42.08	41.15	40.02	39.53	39.62	39.49	39.66	39.53	40.03	1943
1944	39.47	39.35	39.49	39.83	40.45	39.62	39.35	39.24	39.24	39.33	39.36	39.37	39.51	1944
1945	39.34	39.26	40.01	40.81	40.71	40.66	39.56	39.24	39.32	39.57	39.67	39.49	39.80	1945
1946	39.63	39.63	40.22	40.43	40.17	40.20	39.45	39.30	39.26	39.42	39.64	39.83	39.77	1946
1947	39.75	39.79	39.78	41.41	42.67	42.46	40.57	39.69	39.47	39.48	39.44	39.43	40.33	1947
1948	39.38	39.33	39.79	40.70	40.44	39.92	39.47	39.34	39.24	39.17	39.18	39.32	39.61	1948
1949	39.42	39.49	39.70	41.25	40.76	39.98	39.90	39.31	39.31	39.33	39.33	39.51	39.77	1949
1950	39.71	39.59	39.54	40.64	40.63	40.15	39.66	39.41	39.41	39.37	39.67	39.82	39.80	1950
1951	39.78	39.75	40.17	42.32	40.93	39.83	39.93	39.49	39.52	39.95	40.70	40.38	40.23	1951
1952	40.13	40.04	40.02	41.18	41.07	40.45	39.81	39.84	39.56	39.60	39.52	39.87	40.09	1952
1953	39.86	39.94	40.42	41.31	40.29	39.62	39.41	39.26	39.16	39.25	39.23	39.29	39.75	1953
1954	39.34	39.40	39.91	41.03	40.45	40.40	39.87	39.53	39.61	40.45	40.45	40.22	40.06	1954
1955	40.08	39.89	39.98	41.51	40.26	39.61	39.33	39.11	39.12	39.32	40.05	39.80	39.84	1955
1956	39.63	39.55	39.51	40.55	40.72	40.31	39.86	39.75	40.06	40.14	39.80	39.79	39.97	1956
1957	39.77	39.77	39.92	40.04	40.02	39.73	40.62	39.56	39.67	39.88	40.27	40.32	39.97	1957
1958	40.15	40.04	40.16	40.67	39.85	39.72	39.71	39.45	39.61	39.85	40.02	39.86	39.92	1958
1959	39.75	39.69	39.59	40.69	40.44	39.71	39.35	39.26	39.46	39.60	40.14	40.18	39.82	1959
1960	39.97	39.96	39.90	41.42	41.91	40.15	40.36	40.01	39.64	39.62	39.53	39.46	40.16	1960
1961	39.44	39.32	39.39	39.90	40.02	39.65	39.60	39.49	39.49	39.52	39.40	39.58	39.57	1961
1962	39.62	39.67	---	---	40.37	39.66	39.13	39.12	39.23	39.39	39.74	40.03	---	1962
1963	40.09	40.03	40.06	40.48	40.18	40.28	40.53	40.73	41.09	41.08	41.08	41.16	40.57	1963
1964	41.19	41.18	41.21	41.28	41.27	41.20	41.07	41.09	41.12	41.14	41.14	41.13	41.17	1964
1965	41.18	41.22	41.16	41.26	41.39	41.21	41.17	41.18	41.21	41.42	41.32	41.32	41.25	1965
1966	41.27	41.25	41.39	41.33	41.24	41.25	41.13	41.17	41.13	41.16	41.22	41.60	41.26	1966
1967	41.48	41.28	41.09	41.13	41.18	41.18	41.28	41.20	41.21	41.25	41.21	41.31	41.23	1967
1968	41.26	41.22	41.15	41.05	41.22	41.20	41.22	41.17	41.16	41.16	41.16	41.18	41.18	1968
1969	41.27	41.24	41.19	41.17	40.90	41.28	41.21	41.21	41.18	41.19	41.25	41.29	41.20	1969
1970	41.24	41.24	41.21	41.06	40.96	41.11	41.18	41.20	41.17	41.19	41.20	41.21	41.16	1970
1971	41.17	41.18	41.20	41.17	41.18	41.19	41.16	41.15	41.13	41.13	41.13	41.18	41.16	1971
1972	41.19	41.15	41.18	41.13	41.43	41.36	41.34	41.28	41.25	41.25	41.34	41.35	41.27	1972
1973	41.31	41.32	41.36	41.58	41.58	41.39	41.32	41.21	41.16	41.20	41.15	41.29	41.32	1973
1974	41.22	41.21	41.35	41.53	42.12	41.64	41.17	41.15	41.20	41.34	41.38	41.41	41.39	1974
1975	41.43	41.42	41.34	41.39	41.36	41.28	41.17	41.23	41.22	41.28	41.29	41.36 R	41.32 R	1975
1976	41.19	41.41	---	41.67	41.41	41.30	41.28	41.29	41.34	41.32	41.25	---	---	1976
1977	---	41.31	---	41.25	41.27	41.20	41.22	41.21	41.11	41.14	---	---	---	1977
1978	41.34	41.31	41.18	41.26	41.24	41.24	41.18	41.15	41.14	41.18	41.11	41.14	41.21	1978
1979	41.15	41.12	---	41.23	---	---	---	41.20	41.17	41.23	41.30	41.35	---	1979
1980	41.32	41.24	41.37	41.33	41.20	---	---	---	41.15	41.21	41.00	---	---	1980
1981	41.27	41.42	41.16	41.32	41.33	41.41	41.24	---	41.21	41.24	41.26	41.22	---	1981
1982	41.18	41.20	41.23	41.28	41.20	41.20	41.17	41.16	41.16	---	41.20	41.38	---	1982
1983	41.445	41.353	41.341	41.323	41.469	41.265	41.179	41.167	41.149	41.155	41.145	41.242	41.269	1983
1984	41.210	41.284	41.253	41.382	41.268	41.352	41.265	41.198	41.182	41.173	41.221	41.312	41.258	1984
1985	41.393	41.381	41.365	41.352	41.324	41.211	41.203	41.222	41.170	41.166	41.150	41.199	41.261	1985
1986	41.179	41.147	41.180	41.307	41.372	41.283	41.198	41.168	41.217	41.239	41.224	41.227	41.229	1986
1987	41.221	41.202	41.228	41.257	41.169	41.178	41.167	41.156	41.149	41.165	41.172	41.211	41.189	1987
1988	41.242	41.270	41.191	41.262	41.283	41.193	41.173	41.199	41.200	41.330	41.419	41.348	41.259	1988
1989	0.787	0.779	0.732	0.781	0.881	0.816	0.635	0.604	0.630	0.616	0.700	0.710	0.722	1989
1990	0.768	0.777	0.803	---	0.775	0.682	---	0.635	0.626	0.717	0.744	0.878	---	1990
MOYEN	38.969	38.984	38.951	40.337	39.650	39.248	39.661	38.799	38.866	38.913	39.011	38.941	39.634	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 40.538 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 45 37 52
LONG 074 36 32

REGULARISE

R - REVISEE DEPUIS JAN 01 1988

OUTAOUAIS (RIVIERE DES) A GRENVILLE - STATION NO. 02LB001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1933	---	42.28 LE 23 AVR	38.86 LE 09 OCT	1933
1934	42.500R LE 11 MAI A 7:28 HNE	42.42 LE 11 MAI	38.85 LE 05 MAR	1934
1935	40.96R LE 01 MAI A 13:05 HNE	40.93 LE 03 MAI	39.18 LE 03 SEP	1935
1936	42.96R LE 17 MAI A 19:40 HNE	42.92 LE 16 MAI	39.08 LE 07 SEP	1936
1937	41.84R LE 09 MAI A 17:45 HNE	41.82 LE 08 MAI	39.08 LE 13 SEP	1937
1938	42.38R LE 24 AVR A 23:27 HNE	42.35 LE 24 AVR	39.17 LE 26 DEC	1938
1939	42.00R LE 13 MAI A 14:57 HNE	41.96 LE 12 MAI	39.19 LE 06 FEV	1939
1940	41.65R LE 04 JUN A 17:25 HNE	41.63 LE 04 JUN	39.09 LE 04 MAR	1940
1941	42.14R LE 26 AVR A 23:50 HNE	42.12 LE 27 AVR	39.22 LE 11 AOU	1941
1942	41.66R LE 29 AVR A 18:32 HNE	41.64 LE 29 AVR	39.01 LE 07 SEP	1942
1943	43.02R LE 13 MAI A 14:49 HNE	42.97 LE 13 MAI	39.23 LE 02 JAN	1943
1944	41.07R LE 13 MAI A 15:46 HNE	41.02 LE 12 MAI	38.99 LE 04 SEP	1944
1945	41.94R LE 05 AVR A 11:13 HNE	41.87 LE 05 AVR	39.10 LE 17 SEP	1945
1946	40.96R LE 04 AVR A 21:43 HNE	40.91 LE 05 AVR	39.10 LE 02 SEP	1946
1947	43.18R LE 27 MAI A 12:52 HNE	43.13 LE 27 MAI	39.20 LE 01 SEP	1947
1948	41.08R LE 29 AVR	41.05 LE 29 AVR	38.97 LE 08 NOV	1948
1949	41.70R LE 29 AVR A 15:07 HNE	41.67 LE 30 AVR	39.05 LE 05 SEP	1949
1950	41.22R LE 08 AVR	41.19 LE 07 AVR	39.15 LE 09 OCT	1950
1951	43.22R LE 17 AVR A 18:08 HNE *	43.18 LE 17 AVR *	39.26 LE 04 SEP	1951
1952	41.83R LE 26 MAI A 14:40 HNE	41.80 LE 26 MAI	39.31 LE 17 NOV	1952
1953	41.89R LE 30 MAR A 3:32 HNE	41.86 LE 30 MAR	38.99 LE 07 SEP	1953
1954	41.80R LE 18 AVR A 13:40 HNE	41.73 LE 18 AVR	39.17 LE 02 JAN	1954
1955	42.23R LE 20 AVR A 20:06 HNE	42.20 LE 21 AVR	38.89 LE 05 SEP	1955
1956	41.26R LE 17 AVR A 15:30 HNE	41.23 LE 18 AVR	39.32 LE 02 AVR	1956
1957	41.35R LE 09 JUL A 15:20 HNE	41.31 LE 09 JUL	39.13 LE 02 SEP	1957
1958	41.02R LE 02 AVR A 6:36 HNE	40.99 LE 02 AVR	39.24 LE 18 AOU	1958
1959	41.27R LE 10 AVR A 22:00 HNE	41.22 LE 10 AVR	39.06 LE 03 AOU	1959
1960	42.52R LE 19 MAI A 16:45 HNE	42.48 LE 19 MAI	39.26 LE 26 DEC	1960
1961	40.25R LE 29 AVR A 23:40 HNE	40.23 LE 29 AVR	39.11 LE 20 MAR	1961
1962	40.86R LE 09 MAI A 17:35 HNE	40.82 LE 09 MAI	38.94 LE 30 JUL	1962
1963	41.32R LE 23 NOV A 13:30 HNE	41.24 LE 30 NOV	39.83 LE 24 MAI	1963
1964	41.57R LE 24 AVR A 9:24 HNE	41.55 LE 24 AVR	40.86 LE 20 JUL	1964
1965	41.55R LE 01 OCT A 17:45 HNE	41.53 LE 23 OCT	40.94 LE 27 MAR	1965
1966	42.05R LE 27 DEC A 1:30 HNE	41.99 LE 27 DEC	41.01 LE 18 SEP	1966
1967	41.86R LE 01 JAN	41.77 LE 01 JAN	40.88 LE 18 MAI	1967
1968	41.48R LE 21 MAR	41.41 LE 06 JAN	40.77 LE 25 MAR	1968
1969	41.54R LE 26 DEC	41.43 LE 25 DEC	40.66 LE 10 MAI	1969
1970	41.41R LE 19 JUN A 17:55 HNE	41.36 LE 03 JUN	40.61 LE 13 JUN	1970
1971	41.46 LE 18 MAI A 16:15 HNE	41.42 LE 18 MAI	40.84 LE 06 SEP	1971
1972	41.69 LE 23 MAI A 4:06 HNE	41.67 LE 22 MAI	40.95 LE 21 FEV	1972
1973	41.88 LE 05 AVR A 13:02 HNE	41.84 LE 05 AVR	40.68 LE 15 NOV	1973
1974	42.68 LE 21 MAI A 14:55 HNE	42.67 LE 21 MAI	40.66 LE 15 FEV	1974
1975	41.90 LE 20 AVR A 8:17 HNE	41.84 LE 20 AVR	40.85 LE 16 JUL	1975
1976	42.75 LE 04 AVR A 13:20 HNE	42.70 LE 04 AVR	40.67 LE 12 JAN	1976
1977	41.79 LE 14 MAR A 16:16 HNE	41.71 LE 14 MAR	40.60 LE 24 MAR	1977
1978	41.58 LE 28 JAN A 20:30 HNE	41.53 LE 29 JAN	40.84 LE 22 MAR	1978
1979	42.13 LE 05 MAI A 15:15 HNE	42.07 LE 02 MAI	40.92 LE 30 MAR	1979
1980	41.82 LE 23 MAR A 16:20 HNE	41.78 LE 23 MAR	40.59 LE 17 NOV	1980
1981	41.92 LE 26 FEV A 11:10 HNE	41.89 LE 26 FEV	40.67 LE 26 SEP	1981
1982	41.67 LE 29 DEC A 17:10 HNE	41.64 LE 29 DEC	41.00 LE 04 MAI	1982
1983	42.048 LE 13 MAI A 00:50 HNE	42.030 LE 12 MAI	40.639 LE 02 NOV	1983
1984	41.60 LE 29 DEC A 05:00 HNE	41.589 LE 29 DEC	40.949 LE 07 MAI	1984
1985	41.698R LE 29 AVR A 15:19 HNE	41.670 LE 30 AVR	40.951 LE 12 NOV	1985
1986	41.668 LE 24 MAI A 13:50 HNE	41.661 LE 24 MAI	40.901 LE 06 MAR	1986
1987	41.678 LE 27 MAR A 09:50 HNE	41.647 LE 27 MAR	41.002 LE 03 MAR	1987
1988	41.604 LE 28 OCT A 14:55 HNE	41.572 LE 18 DEC	40.972 LE 20 AVR	1988
1989	1.175 LE 30 MAR A 03:39 HNE	1.141 LE 30 MAR	0.452A LE 13 MAR *	1989
1990	1.084 LE 23 MAR A 13:38 HNE	1.054 LE 24 MAR	0.508 LE 07 AVR	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 40.53 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

A - JAUGE MANUELLE
(VOIR INDEX DE REFERENCE)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 01 1988

OUTAOUAIS (RIVIERE DES) A HULL - STATION NO. 02LA015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	41.22	41.23	41.28	41.30	---	---	1964
1965	---	41.59	41.67	41.68	42.04	41.46	41.31	41.40	41.61	42.23	41.97	42.02	---	1965
1966	42.10	42.06	42.30	42.16	---	---	---	41.46	41.35	41.43	41.67	42.74	---	1966
1967	42.48	42.41	41.94	42.49	42.45	42.14	41.77	41.46	41.43	41.69	42.19	42.04	42.04	1967
1968	42.20	42.17	42.20	42.07	41.59	41.50	41.52	41.39	---	---	41.37	41.51	---	1968
1969	41.72	41.77	41.74	41.98	42.11	41.84	---	---	41.36	41.40	41.79	41.89	---	1969
1970	41.78	41.77	41.81	---	42.06	41.92	41.84	41.62	41.42	41.48	41.55	41.70	---	1970
1971	41.71	41.79	41.95	42.20	42.30	41.57	41.33	41.31	41.29	---	---	---	---	1971
1972	41.57	41.57	41.68	42.10	42.86	41.96	41.85	41.71	41.61	---	41.91	42.02	---	1972
1973	42.04	42.21	42.82	42.77	42.65	42.13	41.83	41.53	41.45	41.58	41.54	---	---	1973
1974	41.83	41.82	42.27	---	43.90	42.92	41.75	41.41	---	41.56	---	41.96	---	1974
1975	42.09	42.04	42.07	42.10	42.11	41.75	41.35	41.36	41.34	41.43	41.46	41.74	41.74	1975
1976	41.68	---	---	---	---	41.74	41.56	41.51	41.52	41.50	41.42	41.77	---	1976
1977	41.75	41.72	42.29	---	---	---	41.41	41.36	---	41.36	---	---	---	1977
1978	42.13	42.19	41.85	---	42.08	41.54	41.36	41.31	41.27	41.41	---	---	---	1978
1979	---	41.68	42.12	42.51	43.21	41.82	41.50	---	41.38	41.65	41.93	42.35	---	1979
1980	42.27	42.05	42.21	42.40	42.07	41.46	41.45	41.44	41.36	41.69	41.58	---	---	1980
1981	---	42.53	42.26	42.74	42.15	42.04	41.50	41.37	41.54	41.60	41.67	41.58	---	1981
1982	41.605	41.666	41.819	42.146	41.795	41.460	41.336	41.268	41.277	41.336	41.502	41.983	41.599	1982
1983	42.337	42.246	42.140	42.056	42.961	42.216	41.395	41.335	41.273	41.327	41.438	41.744	41.871	1983
1984	41.777	42.017	42.048	42.652	42.040	42.007	41.690	41.443	41.384	41.374	41.628	41.890	41.827	1984
1985	42.265	42.278	42.410	42.335	42.543	41.509	41.446	41.571	41.352	41.342	41.407	41.603	41.837	1985
1986	41.694	41.771	41.699	42.201	42.054	41.737	41.416	41.407	41.412	41.566	41.576	41.714	41.686	1986
1987	41.755	41.723	41.754	42.111	41.353	41.346	41.286	41.259	41.243	41.264	41.359	41.588	41.501	1987
1988	41.839	41.910	41.642	42.282	42.040	41.378	41.284	41.377	41.410	41.832	42.339	42.068	41.782	1988
1989	42.085	42.140	41.927	42.056	42.177	42.059	41.386	41.263	41.276	41.272	41.528	41.833	41.747	1989
1990	41.990	42.062	42.097	42.132	41.957	41.515	41.470	41.329	41.294	41.614	41.749	42.334	41.794	1990
MOYEN	41.943	41.965	42.029	42.246	42.283	41.792	41.502	41.404	41.378	41.509	41.647	41.908	41.766	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 45 25 53
LONG 075 42 25 REGULARISE

REMAQUES - PRIOR TO APR 1982, WATER LEVELS CONTRIBUTED BY DFO, FISHERIES AND MARINE SERVICE

OUTAOUAIS (RIVIERE DES) A HULL - STATION NO. 02LA015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	41.550 LE 19 NOV A 20:45 HNE	---	---	1964
1965	42.44 LE 23 OCT A 13:35 HNE	---	---	1965
1966	43.34 LE 29 DEC A 23:20 HNE	---	---	1966
1967	43.18 LE 10 MAI A 4:30 HNE	---	---	1967
1968	42.79 LE 30 MAR A 6:15 HNE	43.16 LE 10 MAI	41.30 LE 03 SEP	1968
1969	42.57 LE 20 MAI A 18:15 HNE	---	---	1969
1970	42.37 LE 07 JUN A 2:00 HNE	---	---	1970
1971	43.12 LE 06 MAI A 3:00 HNE	---	---	1971
1972	43.51 LE 07 MAI A 20:00 HNE	---	---	1972
1973	43.97 LE 18 MAR A 21:00 HNE	---	---	1973
1974	44.92 LE 21 MAI A 12:35 HNE *	---	---	1974
1975	43.03 LE 02 MAI A 21:15 HNE	43.02 LE 02 MAI	41.00 LE 16 JUL	1975
1976	44.77 LE 02 AVR A 13:00 HNE	---	---	1976
1977	43.44 LE 15 MAR A 2:46 HNE	---	---	1977
1978	42.62 LE 15 AVR A 5:00 HNE	---	---	1978
1979	44.15 LE 04 MAI A 18:45 HNE	---	---	1979
1980	43.43 LE 22 MAR A 21:45 HNE	---	---	1980
1981	44.27 LE 25 FEV A 11:16 HNE	44.25 LE 26 FEV *	41.03 LE 26 SEP	1981
1982	42.630 LE 01 AVR A 23:45 HNE	42.520 LE 03 AVR	41.186 LE 04 SEP	1982
1983	44.012 LE 12 MAI A 14:04 HNE	43.997 LE 12 MAI	40.909 LE 02 NOV *	1983
1984	43.14 LE 17 AVR A 23:57 HNE	43.122 LE 18 AVR	41.247 LE 02 NOV	1984
1985	43.566 LE 29 AVR A 10:28 HNE	43.528 LE 30 AVR	41.217 LE 13 NOV	1985
1986	42.797 LE 25 MAI A 13:15 HNE	42.736 LE 25 MAI	41.278 LE 07 SEP	1986
1987	42.651 LE 07 AVR A 13:40 HNE	42.571 LE 07 AVR	41.160 LE 26 SEP	1987
1988	42.668 LE 29 AVR A 17:25 HNE	42.604 LE 29 AVR	41.235 LE 13 JUL	1988
1989	42.899 LE 30 MAR A 07:39 HNE	42.864 LE 30 MAR	41.143 LE 27 AOU	1989
1990	42.687 LE 03 DEC A 22:43 HNE	42.647 LE 19 MAR	41.229 LE 15 SEP	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTAOUAIS (RIVIERE DES) A LA MARINA DE SAINTE-ANNE-DE-BELLEVUE - STATION NO. 02OA033

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1978	1.305	1.528	1.220	1.656	1.519	1.128	0.888	0.770	0.677	0.650	0.490	0.393	1.015	1978
1979	0.899	1.153	1.296	1.557	1.705	1.152	0.859	0.774	0.894	1.062	1.145	1.262	1.146	1979
1980	1.076	0.954	0.940	1.357	1.264	0.938	0.929	0.999	1.055	1.074	1.044	0.997	1.052	1980
1981	1.08	1.19	1.15	1.34	0.93	0.89	0.74	0.86	1.11	1.16	1.19	1.05	1.06	1981
1982	0.99	1.04	0.89	1.33	1.14	0.94	0.90	0.74	0.69	0.63	0.78	1.01	0.92	1982
1983	0.96	1.00	1.07	1.26	1.68	1.35	0.85	0.75	0.72	0.68	0.82	1.05	1.02	1983
1984	0.96	1.09	1.20	1.60	1.42	1.33	1.18	1.09	0.98	0.69	0.77	0.86	1.10	1984
1985	1.23	1.16	1.33	1.48	1.47	1.06	1.01	1.02	0.94	0.88	0.92	0.92	1.12	1985
1986	0.98	1.28	1.24	1.60	1.50	1.35	1.26	1.27	1.22	1.30	1.33	1.28	1.30	1986
MOYEN	1.05	1.16	1.15	1.46	1.40	1.13	0.96	0.92	0.92	0.90	0.94	0.98	1.08	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 20.52 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1975)

LOCATION - LAT 45 24 08
LONG 073 56 52 REGULARISE

OUTAOUAIS (RIVIERE DES) A LA MARINA DE SAINTE-ANNE-DE-BELLEVUE - STATION NO. 02OA033

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1978	---	2.087 LE 15 AVR	0.081 LE 19 DEC *	1978
1979	---	1.956 LE 02 MAI	0.535 LE 03 JAN	1979
1980	---	1.672 LE 17 AVR	0.625 LE 11 MAR	1980
1981	---	2.18 LE 25 FEV *	0.59 LE 02 AOU	1981
1982	---	1.64 LE 29 AVR	0.48 LE 17 OCT	1982
1983	---	1.92 LE 12 MAI	0.55 LE 04 OCT	1983
1984	---	1.93 LE 07 AVR	0.57 LE 14 OCT	1984
1985	---	1.79 LE 06 MAI	0.40 LE 25 DEC	1985
1986	---	1.77 LE 25 MAI	0.62 LE 13 JAN	1986

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 20.52 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1975)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTAOUAIS (RIVIERE DES) A QUYON - STATION NO. 02KF004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1915	---	---	---	9.34	9.92	9.98	9.70	9.53	9.35	9.39	9.37	9.41	---	1915
1916	9.40	9.47	9.41	10.56	11.27	10.60	9.81	9.42	9.25	9.23	9.50	---	---	1916
1917	---	---	9.45	10.18	10.78	10.80	10.16	9.85	9.55	9.46	9.49	9.47	---	1917
1918	9.34	9.28	9.30	10.09	10.36	10.18	---	---	---	---	---	---	---	1918
1919	---	---	---	10.44	11.29	10.84	9.72	9.40	9.55	9.92	10.06	---	---	1919
1920	9.67	9.48	9.56	10.18	10.38	9.86	9.66	9.46	9.34	9.20	9.25	9.31	9.61	1920
1921	9.30	9.18	9.66	10.42	10.72	9.81	9.50	---	---	---	---	---	---	1921
1929	---	---	---	---	---	---	---	---	---	---	9.634	9.437	---	1929
1930	9.419	9.354	9.344	9.728	10.388	10.387	10.473	9.699	9.445	9.452	9.376	9.364	9.705	1930
1931	9.313	9.222	9.228	9.753	10.032	9.815	9.476	9.320	9.280	9.260	9.360	9.718	9.500	1931
1932	9.706	9.727	9.677	10.267	10.351	9.845	9.595	9.640	10.101	10.347	10.674	9.926	9.987	1932
1933	9.676	9.451	9.399	10.514	10.832	10.085	9.516	9.350	9.089	8.900	8.979	8.998	9.566	1933
1934	8.970	8.946	8.975	9.921	10.918	9.969	9.502	9.229	9.327	9.457	9.340	9.490	9.507	1934
1935	9.335	9.336	9.572	9.922	9.912	9.575	9.648	9.333	9.177	9.150	9.279	9.175	9.452	1935
1936	9.191	9.205	9.301	10.110	11.067	10.200	9.426	9.211	9.106	9.238	9.416	9.190	9.579	1936
1937	9.472	9.520	9.648	9.817	10.546	9.718	9.377	9.314	9.190	9.346	9.874	9.613	9.628	1937
1938	9.362	9.354	9.725	10.793	10.569	9.762	9.370	9.376	9.370	9.362	9.290	9.235	9.631	1938
1939	9.200	9.207	9.247	9.633	10.741	10.292	9.564	9.252	9.093	9.146	9.240	9.141	9.481	1939
1940	9.056	9.032	9.070	9.495	9.994	10.387	9.700	9.267	9.358	9.206	9.375	9.417	9.446	1940
1941	9.342	9.370	9.389	10.220	10.033	9.409	9.464	9.318	9.318	9.630	9.929	9.618	9.587	1941
1942	9.434	9.391	9.529	10.230	10.081	9.837	9.224	9.154	9.068	9.065	9.135	9.221	9.447	1942
1943	9.286	9.344	9.492	9.765	10.848	10.225	9.503	9.244	9.383	9.264	9.329	9.281	9.581	1943
1944	9.215	9.141	9.229	9.268	9.876	9.385	9.149	9.069	9.091	9.139	9.156	9.234	9.247	1944
1945	9.200	9.145	9.427	10.021	9.985	10.144	9.244	9.052	9.083	9.132	9.201	9.132	9.397	1945
1946	9.062	9.330	9.658	9.862	9.580	9.733	9.185	9.086	9.078	9.126	9.210	9.294	9.349	1946
1947	9.366	9.391	9.344	10.284	11.208	11.341	9.940	9.306	9.094	9.136	9.037	9.123	9.714	1947
1948	9.072	9.127	9.245	9.964	9.895	9.565	9.233	9.084	9.000	8.982	9.034	9.134	9.278	1948
1949	9.229	9.283	9.345	10.300	10.187	9.639	9.562	9.058	9.085	9.123	9.149	9.207	9.430	1949
1950	9.296	9.341	9.292	9.742	10.106	9.560	9.325	9.170	9.183	9.129	9.321	9.421	9.407	1950
1951	9.384	9.420	9.620	11.069	10.261	9.442	9.495	9.173	9.206	9.603	10.099	9.804	9.714	1951
1952	9.632	9.571	9.620	10.252	10.189	9.749	9.242	9.211	9.222	9.202	9.175	9.355	9.534	1952
1953	9.439	9.526	9.739	10.480	9.716	9.297	9.143	9.044	8.974	9.025	9.030	9.070	9.371	1953
1954	9.169	9.300	9.535	10.055	9.840	9.933	9.516	9.255	9.260	9.905	9.830	9.706	9.609	1954
1955	9.618	9.553	9.520	10.449	9.688	9.308	9.107	8.995	8.971	9.175	9.698	9.538	9.466	1955
1956	9.376	9.304	9.294	9.846	10.152	9.867	9.500	9.387	9.604	9.709	9.440	9.423	9.575	1956
1957	9.390	9.416	9.508	9.581	9.632	9.423	10.139	9.254	9.338	9.462	9.731	9.750	9.554	1957
1958	9.649	9.590	9.702	9.958	9.388	9.324	9.327	9.120	9.160	9.203	9.521	9.495	9.458	1958
1959	9.357	9.316	9.301	9.882	10.022	9.446	9.151	9.079	9.222	9.317	9.747	9.716	9.463	1959
1960	9.560	9.578	9.513	10.447	11.269	9.772	9.995	9.544	9.208	9.205	9.270	9.284	9.722	1960
1961	9.248	9.202	9.241	9.580	9.772	9.477	9.350	9.249	9.262	9.365	9.280	---	---	1961
1962	---	---	9.379	9.887	10.057	9.375	9.039	8.936	8.947	8.996	9.053	9.000	---	1962
1963	9.004	9.068	9.142	9.822	9.609	9.363	9.088	8.941	9.081	9.042	9.116	9.194	9.222	1963
1964	9.409	9.398	9.494	9.752	9.765	9.554	9.279	9.026	8.938	9.037	9.063	9.173	9.323	1964
1965	9.264	9.293	9.346	9.576	10.163	9.420	9.093	9.229	9.607	10.093	9.817	9.761	9.557	1965
1966	9.777	9.648	9.843	10.134	9.988	9.818	9.267	9.386	9.215	9.353	9.647	10.501	9.716	1966
1967	9.913	9.849	9.491	10.528	10.526	10.130	9.651	9.437	9.181	9.532	10.052	9.756	9.819	1967
1968	9.697	9.592	9.667	10.219	9.461	9.396	9.437	9.242	9.259	9.217	9.233	9.253	9.471	1968
1969	9.341	9.412	9.465	10.000	10.363	9.821	9.422	9.345	9.155	9.245	9.828	9.672	9.589	1969
1970	9.504	9.429	9.496	9.772	10.315	10.000	9.925	9.565	9.267	9.340	9.407	9.448	9.624	1970
1971	9.437	9.437	9.545	10.061	10.340	9.485	9.029	9.091	8.963	8.979	9.099	9.283	9.395	1971
1972	9.455	9.475	9.597	9.920	10.771	9.804	9.622	9.537	9.496	9.459	9.764	9.635	9.712	1972
1973	9.577	9.645	10.105	10.571	---	9.961	---	---	9.179	---	---	---	---	1973
1974	9.497	9.466	9.792	10.241	11.095	10.377	9.652	9.209	9.121	9.257	9.631	9.633	9.749	1974
1975	---	---	---	9.793	10.068	9.707	9.156	8.967	8.974	9.112	9.169	9.472	---	1975
1976	9.451	9.438	9.782	10.828	10.430	---	9.352	9.171	9.087	9.173	9.210	9.393	---	1976
1977	9.382	9.359	9.810	10.306	9.799	9.184	9.201	9.022	9.036	9.204	9.410	9.717	9.433	1977
1978	9.640	9.655	9.526	9.902	10.208	---	---	---	---	---	---	---	---	1978
MOYEN	9.394	9.384	9.487	10.068	10.268	9.842	9.476	9.262	9.224	9.309	9.440	9.436	9.537	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 48.768 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 31 00 BASSIN VERSANT, 89 900 km²
LONG 076 13 50 REGULARISE

OUTAOUAIS (RIVIERE DES) A QUYON - STATION NO. 02KF004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1915	---	10.14 LE 21 MAI	---	1915
1916	---	11.39 LE 08 MAI	---	1916
1917	---	10.96 LE 02 JUN	---	1917
1918	---	10.60 LE 20 MAI	---	1918
1919	---	11.70 LE 28 MAI	---	1919
1920	---	10.51 LE 04 MAI	9.13 LE 22 OCT	1920
1921	---	11.12 LE 07 MAI	---	1921
1929	---	---	---	1929
1930	---	10.830 LE 07 JUL	9.266 LE 26 MAR	1930
1931	---	10.281 LE 28 AVR	9.162 LE 14 FEV	1931
1932	---	10.897 LE 10 NOV	9.537 LE 13 JAN	1932
1933	---	11.177 LE 07 MAI	8.833 LE 20 NOV	1933
1934	---	11.211 LE 13 MAI	8.851 LE 11 FEV	1934
1935	---	10.317 LE 05 MAI	9.068 LE 22 DEC	1935
1936	---	11.409 LE 15 MAI	8.979 LE 26 SEP	1936
1937	---	10.866 LE 07 MAI	9.031 LE 12 SEP	1937
1938	---	11.186 LE 25 AVR	9.132 LE 30 DEC	1938
1939	---	10.948 LE 14 MAI	9.019 LE 17 SEP	1939
1940	---	10.894 LE 04 JUN	8.976 LE 16 FEV	1940
1941	---	11.157 LE 26 AVR	9.165 LE 16 JUN	1941
1942	---	10.668 LE 27 AVR	8.903 LE 25 OCT	1942
1943	---	11.445 LE 12 MAI	9.126 LE 25 JUL	1943
1944	---	10.354 LE 13 MAI	8.992 LE 19 AOU	1944
1945	---	10.711 LE 07 JUN	8.888 LE 29 JAN	1945
1946	---	10.269 LE 04 AVR	8.946 LE 06 OCT	1946
1947	---	11.555 LE 20 JUN	8.928 LE 30 SEP	1947
1948	---	10.449 LE 27 AVR	8.894 LE 30 JAN	1948
1949	---	10.870 LE 01 MAI	8.940 LE 07 AOU	1949
1950	---	10.436 LE 19 MAI	9.007 LE 01 OCT	1950
1951	---	11.826 LE 19 AVR *	9.046 LE 05 AOU	1951
1952	---	10.769 LE 28 AVR	9.016 LE 09 AOU	1952
1953	---	10.909 LE 01 AVR	8.705 LE 01 DEC *	1953
1954	---	10.662 LE 20 AVR	9.040 LE 02 JAN	1954
1955	---	11.055 LE 22 AVR	8.897 LE 02 SEP	1955
1956	---	10.467 LE 04 JUN	9.101 LE 16 AOU	1956
1957	---	10.939 LE 09 JUL	8.976 LE 05 SEP	1957
1958	---	10.171 LE 23 AVR	9.037 LE 10 AOU	1958
1959	---	10.305 LE 06 MAI	9.004 LE 19 JUL	1959
1960	---	11.704 LE 18 MAI	9.135 LE 18 SEP	1960
1961	---	9.936 LE 30 AVR	9.068 LE 15 SEP	1961
1962	---	10.607 LE 09 MAI	8.839 LE 23 SEP	1962
1963	---	10.000 LE 09 AVR	8.839 LE 10 AOU	1963
1964	---	10.235 LE 26 AVR	8.876 LE 27 SEP	1964
1965	---	10.348 LE 10 MAI	9.016 LE 01 AOU	1965
1966	---	11.003 LE 28 AVR	9.065 LE 19 SEP	1966
1967	---	11.195 LE 09 MAI	9.086 LE 17 SEP	1967
1968	---	10.531 LE 08 AVR	9.129 LE 01 SEP	1968
1969	---	10.586 LE 15 MAI	9.104 LE 07 SEP	1969
1970	---	10.555 LE 15 MAI	9.101 LE 27 SEP	1970
1971	---	11.079 LE 05 MAI	8.873 LE 06 SEP	1971
1972	---	11.229 LE 08 MAI	9.281 LE 01 OCT	1972
1973	---	10.903 LE 07 AVR	---	1973
1974	---	11.460 LE 20 MAI	9.056 LE 30 SEP	1974
1975	10.900 LE 04 MAI A 14:36 HNE	10.860 LE 03 MAI	8.867 LE 09 SEP	1975
1976	11.201 LE 07 AVR A 03:15 HNE *	11.183 LE 06 AVR	9.004 LE 01 SEP	1976
1977	10.705 LE 27 AVR A 21:30 HNE	10.686 LE 27 AVR	8.955 LE 18 AOU	1977
1978	---	10.726 LE 02 MAI	---	1978

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 48.76 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTAOUAIS (RIVIERE DES) A SAINTE-ANNE-DE-BELLEVUE - STATION NO. 02OA013

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1919	---	---	---	---	---	---	---	---	---	---	---	---	---	1919
1920	21.81	21.79	22.14	22.44	22.47	21.91	21.73	21.53	21.36	21.26	21.41	21.52	21.78	1920
1921	21.48	21.32	22.03	22.69	22.58	21.76	21.42	21.28	21.11	21.27	21.47	21.55	21.67	1921
1922	21.61	21.50	21.66	22.91	22.97	22.03	21.66	21.42	21.36	21.29	21.30	21.32	21.75	1922
1923	21.29	21.51	21.58	22.08	23.20	22.35	21.77	21.49	21.54	21.40	21.44	21.65	21.78	1923
1924	21.64	21.73	21.70	22.50	23.13	22.51	21.84	21.58	21.52	21.66	21.55	21.75	21.93	1924
1925	21.55	21.72	22.05	22.68	22.56	22.34	22.01	21.74	21.39	21.40	21.63	21.88	21.91	1925
1926	21.65	21.52	21.50	21.95	22.92	22.58	22.10	21.72	21.48	21.43	21.97	22.03	21.91	1926
1927	21.75	21.64	22.07	22.14	22.25	22.32	22.11	21.96	21.61	21.66	22.10	22.13	21.98	1927
1928	21.94	21.90	21.86	22.09	23.77	22.86	22.26	21.93	21.93	21.96	22.58	22.13	22.19	1928
1929	22.05	21.86	22.14	22.96	23.54	22.51	22.06	21.62	21.49	21.48	21.69	21.60	22.08	1929
1930	21.80	21.92	21.80	22.14	22.38	22.32	22.36	21.80	21.58	21.55	21.47	21.48	21.88	1930
1931	21.50	21.49	21.47	21.93	22.03	21.82	21.52	21.46	21.33	21.34	21.41	21.62	21.58	1931
1932	21.73	21.77	21.68	22.51	22.27	21.84	21.70	21.68	22.08	22.31	22.67	22.42	22.03	1932
1933	21.89	21.74	21.66	22.99	23.00	22.14	21.69	21.60	21.40	21.32	21.38	21.45	21.85	1933
1934	21.49	21.76	21.61	22.85	23.15	22.27	21.86	21.48	21.46	21.58	21.55	21.77	21.90	1934
1935	21.77	21.68	21.91	22.28	22.18	21.84	21.90	21.65	21.52	21.49	21.63	21.59	21.78	1935
1936	21.62	21.88	22.34	22.56	23.36	22.56	21.73	21.50	21.49	21.74	21.96	21.64	22.03	1936
1937	21.97	21.92	21.94	22.47	22.80	21.99	21.61	21.55	21.46	21.61	22.11	21.94	21.95	1937
1938	21.79	21.78	22.20	23.13	22.84	22.07	21.59	21.50	21.52	21.61	21.55	21.57	21.93	1938
1939	21.57	21.65	21.65	22.23	23.03	22.34	21.97	21.88	21.60	21.62	21.70	21.62	21.91	1939
1940	21.57	21.55	21.56	22.18	22.46	22.60	22.03	21.59	21.59	21.49	21.59	21.63	21.82	1940
1941	21.74	21.72	21.70	22.49	22.21	21.69	21.61	21.57	21.58	21.85	22.19	21.99	21.86	1941
1942	21.89	21.82	22.01	22.60	22.47	22.17	21.65	21.54	21.48	21.46	21.59	21.64	21.86	1942
1943	21.82	21.79	21.91	22.47	23.43	22.72	21.96	21.64	21.68	21.61	21.72	21.68	22.04	1943
1944	21.75	21.68	21.65	21.84	22.21	21.67	21.52	21.44	21.43	21.48	21.49	21.54	21.64	1944
1945	21.65	21.63	22.01	22.48	22.41	22.34	21.65	21.45	21.50	21.67	21.72	21.67	21.85	1945
1946	21.80	21.95	22.25	22.21	23.00	22.03	21.56	21.47	21.44	21.53	21.68	21.89	21.81	1946
1947	21.95	21.96	21.88	22.57	23.81	23.69	22.34	21.74	21.59	21.58	21.56	21.59	22.22	1947
1948	21.64	21.64	21.92	22.40	22.20	21.86	21.58	21.51	21.43	21.38	21.39	21.47	21.70	1948
1949	21.57	21.66	21.75	22.80	22.42	21.85	21.85	21.49	21.47	21.49	21.49	21.62	21.79	1949
1950	21.80	21.71	21.73	22.43	22.30	21.98	21.70	21.55	21.54	21.50	21.70	21.84	21.82	1950
1951	21.91	21.89	22.09	23.68	22.65	21.84	21.92	21.64	21.64	21.85	22.38	22.24	22.14	1951
1952	22.16	22.08	22.01	22.87	22.72	22.30	21.85	21.87	21.68	21.70	21.63	21.88	22.06	1952
1953	21.86	21.94	22.27	22.88	22.15	21.70	21.58	21.49	21.41	21.44	21.42	21.46	21.80	1953
1954	21.60	21.63	21.93	22.75	22.27	22.18	21.86	21.66	21.69	22.22	22.24	22.08	22.01	1954
1955	22.10	22.02	22.03	23.14	22.15	21.70	21.53	21.40	21.37	21.48	21.93	21.83	21.89	1955
1956	21.75	21.67	21.71	22.36	22.43	22.16	21.85	21.80	22.01	22.02	21.80	21.81	21.95	1956
1957	21.94	21.85	21.91	21.95	21.93	21.74	22.36	21.68	21.68	21.87	22.10	22.16	21.93	1957
1958	22.07	22.05	22.08	22.44	21.85	21.75	21.77	21.63	21.72	21.85	21.94	21.91	21.92	1958
1959	21.91	21.93	21.79	22.50	22.24	21.79	21.57	21.55	21.63	21.70	22.03	22.06	21.89	1959
1960	22.02	22.07	21.96	23.07	23.34	22.10	22.24	21.92	---	21.64	---	21.68	---	1960
1961	---	21.74	21.68	22.11	22.15	21.87	---	21.80	---	21.76	21.64	21.83	---	1961
1962	21.87	21.94	21.80	22.49	22.36	21.75	21.52	21.52	---	21.46	21.54	21.46	---	1962
1963	21.54	21.59	21.58	22.46	---	---	21.50	21.43	21.53	21.49	21.62	21.86	---	1963
1964	21.78	21.72	21.89	22.22	22.06	21.83	21.61	21.45	21.38	21.43	21.45	21.59	21.70	1964
1965	21.66	21.71	21.70	21.98	22.28	21.69	21.47	21.62	21.88	22.45	22.23	22.15	21.90	1965
1966	22.16	22.03	22.31	22.45	22.24	22.06	21.65	21.73	21.61	21.65	21.89	---	---	1966
1967	22.12	22.21	---	---	22.66	22.34	22.01	21.68	21.64	21.99	22.54	22.14	---	1967
1968	22.21	22.11	22.17	22.62	21.85	21.75	21.84	21.71	21.65	21.57	21.60	21.74	21.90	1968
1969	21.94	21.88	21.86	22.61	22.68	22.13	21.88	21.85	21.63	21.61	22.02	21.97	22.00	1969
1970	21.94	21.84	21.82	22.37	22.61	22.22	22.14	21.96	21.71	21.75	21.85	21.88	22.01	1970
1971	21.91	21.95	21.99	22.71	22.67	21.84	21.56	21.57	21.53	21.46	21.44	21.62	21.85	1971
1972	21.72	21.78	21.80	22.55	23.13	22.29	22.31	22.15	22.02	22.03	22.28	22.14	22.18	1972
1973	22.19	22.24	22.80	22.92	22.80	22.44	22.21	21.94	21.83	21.90	21.84	21.96	22.26	1973
1974	22.03	22.00	22.26	22.84	23.63	22.95	22.21	21.84	21.68	21.68	21.98	22.05	22.26	1974
1975	21.99	21.96	22.05	22.48	22.43	22.07	---	21.49	21.44	21.52	21.61	21.87R	---	1975
1976	21.96	21.99	22.34	---	22.85	22.11	22.01	21.81	21.69	21.70	21.64	21.81	---	1976
1977	21.98	21.83	22.41	22.76	22.14	21.56	21.59	21.52	21.55	21.80	21.85	22.21	21.93	1977
1978	22.29	22.31	22.03	22.71	23.51	22.85	21.59	21.54	21.46	21.63	21.60	21.72	21.94	1978
1979	---	---	22.35	22.89	23.18	22.15	21.81	21.72	21.79	22.02	22.24	22.43	---	1979
1980	22.25	22.06	22.11	22.69	22.34	21.83	---	21.91	21.77	22.09	22.13	22.06	---	1980
1981	---	22.39	---	22.95	22.40	22.31	21.84	21.68	21.95	21.96	22.08	21.86	---	1981
1982	21.89	21.95	21.94	22.57	---	---	21.62	---	---	21.50	21.78	---	---	1982
1983	---	---	---	---	---	---	---	---	21.46	21.51	21.80	22.08	---	1983
1984	21.94	22.05	22.12	23.00	22.39	22.24	22.06	21.85	21.77	21.64	21.96	22.12	22.09	1984
1985	22.30	22.17	22.39	---	---	21.81	21.77	21.92	21.64	21.62	21.72	---	---	1985
1986	---	22.05	---	---	---	---	21.82	21.86	21.87	22.00	22.02	---	---	1986
1987	---	21.94	22.09	---	21.70	21.69	---	21.43	---	---	---	---	---	1987
1988	---	---	---	---	---	---	21.39	21.59	21.66	22.08	22.64	---	---	1988
1989	22.09	---	21.91	22.40	---	22.26	---	---	21.37	---	21.88	22.03	---	1989
1990	22.01	22.05	22.20	22.53	22.27	21.78	21.77	21.56	21.45	21.89	22.04	---	---	1990
MOYEN	21.85	21.85	21.95	22.57	22.58	22.11	21.82	21.65	21.59	21.67	21.81	21.82	21.92	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)
AJOUTER .08 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 24 17
LONG 073 57 25 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

OUTAOUAIS (RIVIERE DES) A SAINTE-ANNE-DE-BELLEVUE - STATION NO. 020A013

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1919	4.50 LE DEC	---	---	1919
1920	22.68 LE 28 MAR A 1:00 HNE	22.67 LE 04 MAI	21.17 LE 23 OCT	1920
1921	22.98 LE 07 MAI A 24:00 HNE	22.97 LE 07 MAI	21.01 LE 27 SEP *	1921
1922	23.82 LE 21 AVR A 6:30 HNE	23.80 LE 21 AVR	21.24 LE 07 OCT	1922
1923	23.35 LE 10 MAI A 18:00 HNE	23.34 LE 11 MAI	21.23 LE 08 JAN	1923
1924	23.37 LE 19 MAI A 8:00 HNE	23.34 LE 19 MAI	21.38 LE 08 SEP	1924
1925	22.94 LE 31 MAR A 19:00 HNE	22.93 LE 31 MAR	21.35 LE 14 OCT	1925
1926	23.07 LE 29 MAI A 12:30 HNE	23.06 LE 29 MAI	21.53 LE 16 OCT	1926
1927	22.79 LE 21 MAR A 12:00 HNE	22.79 LE 21 MAR	21.53 LE 12 OCT	1927
1928	24.08 LE 15 MAI A 16:00 HNE	24.07 LE 15 MAI	21.70 LE 10 SEP	1928
1929	23.79 LE 12 MAI A 12:30 HNE	23.78 LE 11 MAI	21.41 LE 22 OCT	1929
1930	22.62 LE 08 JUL A 11:00 HNE	22.60 LE 08 JUL	21.41 LE 27 DEC	1930
1931	22.34 LE 29 AVR A 15:30 HNE	22.30 LE 30 AVR	21.28 LE 09 SEP	1931
1932	23.04 LE 14 AVR A 9:30 HNE	23.03 LE 14 AVR	21.51 LE 12 JAN	1932
1933	23.51 LE 23 AVR A 15:30 HNE	23.49 LE 22 AVR	21.29 LE 03 OCT	1933
1934	23.72 LE 13 AVR A 22:00 HNE	23.69 LE 13 AVR	21.37 LE 04 SEP	1934
1935	22.56 LE 04 MAI A 10:00 HNE	22.53 LE 04 MAI	21.43 LE 04 SEP	1935
1936	23.86 LE 20 MAI A 2:30 HNE	23.84 LE 18 MAI	21.40 LE 08 SEP	1936
1937	23.15 LE 08 MAI A 17:30 HNE	23.13 LE 08 MAI	21.38 LE 15 SEP	1937
1938	23.60 LE 27 MAR A 5:00 HNE	23.59 LE 27 MAR	21.42 LE 06 SEP	1938
1939	23.34 LE 13 MAI A 20:00 HNE	23.32 LE 12 MAI	21.50 LE 23 JAN	1939
1940	23.03 LE 05 JUN A 24:00 HNE	22.98 LE 05 JUN	21.42 LE 28 OCT	1940
1941	23.33 LE 28 AVR A 11:00 HNE	23.31 LE 27 AVR	21.45 LE 11 AOU	1941
1942	23.05 LE 30 AVR A 9:00 HNE	23.03 LE 29 AVR	21.34 LE 08 SEP	1942
1943	24.13 LE 14 MAI A 13:00 HNE	24.12 LE 14 MAI	21.52 LE 12 OCT	1943
1944	22.62 LE 13 MAI A 17:00 HNE	22.58 LE 12 MAI	21.32 LE 05 SEP	1944
1945	23.33 LE 05 AVR A 15:00 HNE	23.29 LE 05 AVR	21.40 LE 17 AOU	1945
1946	22.62 LE 19 MAR A 12:00 HNE	22.62 LE 17 MAR	21.37 LE 04 SEP	1946
1947	24.10 LE 29 MAI A 24:00 HNE	24.09 LE 30 MAI	21.47 LE 02 SEP	1947
1948	22.70 LE 24 MAR A 4:30 HNE	22.70 LE 23 MAR	21.27 LE 09 NOV	1948
1949	23.02 LE 30 AVR A 19:30 HNE	23.01 LE 30 AVR	21.35 LE 07 SEP	1949
1950	22.86 LE 07 AVR A 17:30 HNE	22.85 LE 07 AVR	21.41 LE 10 OCT	1950
1951	24.26 LE 19 AVR A 23:00 HNE	24.25 LE 20 AVR *	21.52 LE 04 SEP	1951
1952	23.28 LE 08 AVR A 22:00 HNE	23.27 LE 08 AVR	21.55 LE 04 NOV	1952
1953	23.37 LE 30 MAR A 16:30 HNE	23.37 LE 30 MAR	21.34 LE 09 SEP	1953
1954	23.29 LE 18 AVR A 15:30 HNE	23.27 LE 18 AVR	21.44 LE 03 JAN	1954
1955	23.61 LE 21 AVR A 23:30 HNE	23.59 LE 21 AVR	21.27 LE 06 SEP	1955
1956	22.92 LE 18 AVR A 11:00 HNE	22.90 LE 18 AVR	21.56 LE 02 AVR	1956
1957	22.84 LE 10 JUL A 10:00 HNE	22.84 LE 10 JUL	21.46 LE 04 SEP	1957
1958	22.70 LE 02 AVR A 23:00 HNE	22.69 LE 02 AVR	21.54 LE 19 AOU	1958
1959	22.96 LE 11 AVR A 8:00 HNE	22.96 LE 11 AVR	21.45 LE 04 AOU	1959
1960	23.73 LE 17 MAI A 11:20 HNE	---	---	1960
1961	22.39 LE 03 MAI A 8:48 HNE	---	---	1961
1962	22.91 LE 10 AVR A 15:50 HNE	---	---	1962
1963	23.09 LE 05 AVR A 3:31 HNE	---	---	1963
1964	22.73 LE 28 AVR A 12:10 HNE	22.66 LE 25 AVR	21.29 LE 08 SEP	1964
1965	22.67 LE 24 OCT A 23:47 HNE	22.60 LE 24 OCT	21.29 LE 02 AOU	1965
1966	23.18 LE 27 AVR A 8:57 HNE	---	---	1966
1967	23.30 LE 11 MAI A 10:40 HNE	---	---	1967
1968	23.06 LE 31 MAR A 17:38 HNE	23.02 LE 31 MAR	21.47 LE 18 NOV	1968
1969	23.14 LE 21 MAI A 15:21 HNE	23.06 LE 21 MAI	21.51 LE 15 SEP	1969
1970	23.06 LE 07 MAI A 10:53 HNE	23.00 LE 06 MAI	21.58 LE 07 SEP	1970
1971	23.61 LE 22 AVR A 11:46 HNE	23.58 LE 22 AVR	21.35 LE 07 SEP	1971
1972	23.80 LE 08 MAI A 10:40 HNE	23.66 LE 08 MAI	21.61 LE 02 JAN	1972
1973	23.69 LE 19 MAR A 23:25 HNE	23.63 LE 19 MAR	21.69 LE 31 OCT	1973
1974	24.21 LE 22 MAI A 19:22 HNE	24.11 LE 22 MAI	21.56 LE 25 SEP	1974
1975	23.45 LE 21 AVR A 9:13 HNE	---	---	1975
1976	24.30 LE 05 AVR A 3:35 HNE *	---	---	1976
1977	23.53 LE 17 MAR A 5:45 HNE	23.49 LE 17 MAR	21.41 LE 17 SEP	1977
1978	23.24 LE 30 AVR A 5:18 HNE	23.21 LE 18 AVR	21.39 LE 10 SEP	1978
1979	23.74 LE 04 MAI A 15:40 HNE	---	---	1979
1980	23.33 LE 17 AVR A 15:02 HNE	---	---	1980
1981	23.75 LE 26 FEV A 18:25 HNE	23.72 LE 26 FEV	21.55 LE 28 AOU	1981
1982	23.03 LE 22 AVR A 7:51 HNE	23.00 LE 23 AVR	21.33 LE 12 SEP	1982
1983	23.80 LE 13 MAI A 17:02 HNE	23.75 LE 13 MAI	21.38 LE 16 SEP	1983
1984	23.39 LE 19 AVR A 9:09 HNE	23.38 LE 19 AVR	21.59 LE 06 OCT	1984
1985	23.49 LE 30 AVR A 21:13 HNE	23.46 LE 01 MAI	21.52 LE 30 OCT	1985
1986	23.07 LE 26 MAI A 7:37 HNE	22.95 LE 10 AVR	21.71 LE 19 JUL	1986
1987	23.20 LE 03 AVR A 10:39 HNE	23.18 LE 03 AVR	---	1987
1988	22.89 LE 10 NOV A 20:18 HNE	---	---	1988
1989	22.81 LE 07 AVR A 11:14 HNE	---	---	1989
1990	23.06 LE 05 AVR A 23:35 HNE	23.00 LE 06 AVR	21.39 LE 19 SEP	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)
AJOUTER .08 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTAOUAIS (RIVIERE DES) AU BARRAGE DE RAPIDE-SEPT - STATION NO. 02JB005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1969	---	---	---	---	---	---	---	---	---	309.63R	309.78R	309.16R	---	1969
1970	309.06R	309.42R	308.96R	307.95R	309.15R	309.60R	309.80R	309.69R	309.74R	309.82R	309.77R	309.49R	309.37R	1970
1971	309.73R	309.62R	309.17R	308.19R	308.87R	309.42R	309.73R	309.60R	309.57R	309.60R	309.72R	309.83R	309.42R	1971
1972	309.60R	309.34R	308.98R	308.10R	309.24R	309.69R	309.71R	309.68R	309.71R	309.96R	309.48R	309.42R	309.40R	1972
1973	309.60R	309.70R	309.07R	308.64R	309.52R	309.69R	309.71R	309.79R	309.77R	309.56R	309.36R	309.55R	309.50R	1973
1974	309.70R	309.36R	309.01R	308.37R	309.55R	309.51R	309.63R	309.65R	309.49R	309.73R	309.63R	309.07R	309.39R	1974
1975	309.17R	309.37R	308.87R	307.87R	309.34R	309.67R	309.34R	309.53R	309.64R	309.70R	309.55R	309.56R	309.30R	1975
1976	309.56R	309.67R	309.48R	308.39R	309.63R	309.76R	309.77R	309.57R	309.61R	309.65R	309.51R	309.56R	309.60R	1976
1977	309.62R	309.52R	309.12R	308.76R	309.47R	309.60R	309.59R	309.54R	309.56R	309.64R	309.68R	309.68R	309.48R	1977
1978	309.51R	309.26R	308.73R	307.65R	308.72R	309.39R	309.47R	309.44R	309.39R	309.64R	309.48R	309.57R	309.19R	1978
1979	309.56R	309.35R	309.16R	308.27R	309.45R	309.58R	309.59R	309.65R	309.60R	---	---	---	---	1979
1982	---	---	---	---	---	---	---	---	---	309.14	309.11	309.24	---	1982
1983	309.09	308.88	308.50	307.02	308.16	309.31	309.31	309.21	309.27	309.34	309.14	309.13	308.87	1983
1984	309.09	308.61	308.32	307.79	309.16	309.27	309.25	309.21	309.22	309.20	309.38	309.27	308.98	1984
1985	309.05	308.72	308.53	307.92	309.22	309.27	309.37	309.21	309.23	309.30	309.20	309.17	309.02	1985
1986	308.85	308.73	307.96	308.28	309.33	309.14	309.03	309.09	309.27	309.20	309.23R	308.86R	308.92R	1986
1987	308.53	308.06	307.89	308.41	309.17	309.30	309.21	309.15	309.05	309.13	309.13	309.24	308.86	1987
1988	---	---	---	---	---	---	---	309.26	309.24	309.41	309.12	308.89	---	1988
1989	308.68	308.57	---	---	---	---	---	---	---	309.02	309.25	309.07	---	1989
1990	308.99	308.82	308.32	307.69	309.10	309.26	309.42	309.24	309.35	---	---	---	---	1990
MOYEN	309.26	309.12	308.75	308.14	309.19	309.47	309.50	309.44	309.45	309.48	309.42	309.32	309.24	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 46 06
LONG 078 18 38

BASSIN VERSANT, 13 100 km²
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

OUTAOUAIS (RIVIERE DES) AU BARRAGE DE RAPIDE-SEPT - STATION NO. 02JB005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1969	---	---	---	1969
1970	---	309.89 LE 23 JUL	307.54 LE 23 AVR	1970
1971	---	309.89 LE 12 DEC	307.85 LE 21 AVR	1971
1972	---	309.92 LE 13 OCT *	307.92 LE 27 AVR	1972
1973	---	309.92 LE 28 AOU	308.34 LE 04 AVR	1973
1974	---	309.86 LE 16 MAI	308.12 LE 19 AVR	1974
1975	---	309.80 LE 04 OCT	307.54 LE 23 AVR	1975
1976	---	309.92 LE 03 JUL	309.16 LE 28 MAR	1976
1977	---	309.80 LE 24 JUN	308.34 LE 12 AVR	1977
1978	---	309.68 LE 03 OCT	307.39 LE 24 AVR	1978
1979	---	---	---	1979
1982	---	---	---	1982
1983	---	309.44 LE 14 JUL	306.74 LE 24 AVR *	1983
1984	---	309.51 LE 23 NOV	307.42 LE 13 AVR	1984
1985	---	309.44 LE 04 AOU	307.60 LE 18 AVR	1985
1986	---	309.46 LE 14 SEP	307.40 LE 29 MAR	1986
1987	---	309.34 LE 22 DEC	307.74 LE 23 MAR	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTAOUAIS (RIVIERE DES) AU LAC GRANET - STATION NO. 02JB009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	28.42	28.42	28.49	---	1982
1983	28.84	28.93	28.62	27.94	28.35	29.06	28.70	28.56	28.66	28.51	28.58	28.97	28.64	1983
1984	28.91	28.70	28.50	28.07	28.17	28.53	28.68	28.43	28.42	28.70R	28.94R	28.97R	28.59R	1984
1985	28.98	28.84	28.51	27.87	28.30	28.45	28.64	28.59	28.77	28.88R	28.74R	28.71R	28.61R	1985
1986	28.76	28.76	28.00	28.03	28.38	28.94	28.68	28.62	28.44	28.69R	28.81R	28.88R	28.58R	1986
1987	28.84	28.64	28.05	27.91	27.89	28.12	28.11	28.19	28.19	28.37R	28.43R	28.67R	28.28R	1987
1988	28.63	28.68	28.38	28.04	28.08	28.23	28.20	28.50	28.81	28.95	29.29	29.30	28.59	1988
1989	29.21	29.09	28.52	27.89	---	26.37	28.39	28.21	28.20	28.51	28.69	28.70	---	1989
1990	28.82	28.76	28.28	27.80	28.18	28.23	28.47	28.42	28.48	---	---	---	---	1990
MOYEN	28.87	28.80	28.36	27.94	28.19	28.49	28.48	28.44	28.50	28.63	28.74	28.84	28.55	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 50 39
LONG 077 33 00

BASSIN VERSANT, 10 300 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

OUTAOUAIS (RIVIERE DES) AU LAC GRANET - STATION NO. 02JB009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	29.31 LE 14 JUN	27.84 LE 11 AVR	1983
1984	---	29.01 LE 29 DEC	27.92 LE 12 AVR	1984
1985	---	29.02 LE 02 JAN	27.70 LE 18 AVR	1985
1986	---	29.10 LE 15 JUN	27.66 LE 31 MAR *	1986
1987	---	28.90 LE 01 JAN	27.71 LE 30 MAR	1987
1988	---	29.41 LE 20 NOV *	27.87 LE 04 AVR	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTAOUAIS (RIVIERE DES) AU RESERVOIR DOZOIS - STATION NO. 02JA003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	644.56	643.15	642.25	642.99	647.13	650.04	649.98	650.53	650.92	650.86	650.60	649.91	647.77	1965
1966	648.58	646.81	645.83	645.82	648.58	649.98	650.13	650.61	650.40	650.07	650.26	650.87	649.01	1966
1967	649.73	647.26	644.88	645.37	649.61	650.69	650.33	649.16	647.51	648.00	650.03	650.09	648.57	1967
1968	648.41	645.56	642.38	644.70	648.45	648.50	648.59	648.47	647.84	647.78	647.70	647.04	647.13	1968
1969	645.62	643.84	642.30	644.01	647.96	650.13	650.30	649.99	649.09	647.94	648.91	649.14	647.46	1969
1970	646.91	644.13	642.28	643.13	647.92	650.29	650.55	650.34	649.54	649.11	648.37	647.40	647.52	1970
1971	645.80	644.22	642.25	643.55	647.71	649.26	648.83	648.31	647.53	647.31	647.09	646.81	646.57	1971
1972	646.09	644.28	642.18	642.92	647.22	650.09	650.28	649.67	649.12	649.30	649.47	648.13	647.41	1972
1973	646.10	644.00	642.64	645.33	649.56	650.32	650.48	650.28	650.64	650.40	649.11	648.32	648.32	1973
1974	647.50	645.35	642.54	643.38	649.10	650.47	650.38	650.26	649.49	649.30	650.01	649.33	648.11	1974
1975	647.29	644.39	642.06	642.66	647.65	650.07	650.17	648.71	647.75	647.58	647.11	647.84	646.96	1975
1976	646.85	644.43	642.26	646.42	650.26	650.64	650.70	650.61	650.26	649.75	649.66	648.61	648.38	1976
1977	647.31	644.86	642.61	645.21	650.02	650.34	650.48	650.42	650.06	649.50	649.30	648.28	648.22	1977
1978	646.44	643.52	642.05	642.58	646.88	649.30	649.49	649.33	648.51	648.25	648.56	647.60	646.90	1978
1979	646.16	643.48	641.98	644.59	649.49	650.49	650.48	650.28	650.53	345.91	345.65	345.57	571.46	1979
1980	344.10	340.96	337.93	340.56	344.22	344.53	343.86	343.66	343.73	343.80	344.12	343.60	342.93	1980
1981	341.71	339.37	339.42	343.16	345.77	345.78	345.48	344.59	342.56	341.64	341.42	341.58	342.73	1981
1982	341.28	339.13	337.22	338.31	343.04	344.24	344.10	343.23	342.32	341.69	341.37	342.46	341.55	1982
1983	342.39	340.34	337.81	339.50	344.05	345.74	345.19	344.27	342.80	342.48	342.03	341.35	342.34	1983
1984	341.19	339.50	337.34	339.33	343.77	345.60	345.84	345.65	345.07	344.19	343.17	342.43	342.77	1984
1985	341.91	339.82	337.60	339.05	344.00	345.29	345.13	345.32	344.45	343.03	342.01	341.95	342.48	1985
1986	340.85	337.98	337.79	340.80	345.22	345.51	344.52	343.91	343.62	---	---	---	---	1986
MOYEN	549.85	547.56	545.71	547.43	551.71	553.06	552.97	552.62	551.99	547.05	547.01	546.62	556.89	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 36 46
LONG 077 18 26

BASSIN VERSANT, 8 210 km²
REGULARISE

DONNEES FOURNIES PAR -
HYDRO-QUEBEC

OUTAOUAIS (RIVIERE DES) AU RESERVOIR DOZOIS - STATION NO. 02JA003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	651.08 LE 29 AOU *	641.90 LE 18 MAR	1965
1966	---	651.00 LE 11 DEC	645.18 LE 14 AVR	1966
1967	---	650.79 LE 14 JUN	644.29 LE 31 MAR	1967
1968	---	649.52 LE 01 JAN	641.27 LE 25 MAR	1968
1969	---	650.45 LE 30 JUN	641.76 LE 11 MAR	1969
1970	---	650.77 LE 26 JUL	641.74 LE 18 MAR	1970
1971	---	649.46 LE 08 JUN	641.61 LE 17 MAR	1971
1972	---	650.41 LE 09 JUL	641.63 LE 19 MAR	1972
1973	---	650.76 LE 24 OCT	642.10 LE 15 MAR	1973
1974	---	650.60 LE 16 JUN	641.63 LE 26 MAR	1974
1975	---	650.51 LE 26 JUN	641.50 LE 25 MAR	1975
1976	---	650.73 LE 14 JUL	641.52 LE 15 MAR	1976
1977	---	650.55 LE 23 MAI	641.95 LE 15 MAR	1977
1978	---	649.54 LE 02 JUL	641.61 LE 06 MAR	1978
1979	---	650.69 LE 21 JUN	345.21 LE 31 DEC	1979
1980	---	345.15 LE 01 JAN	336.80 LE 13 MAR	1980
1981	---	345.99 LE 15 MAI	338.88 LE 16 FEV	1981
1982	---	344.33 LE 10 JUN	336.74 LE 18 MAR	1982
1983	---	345.94 LE 03 JUN	336.90 LE 17 MAR	1983
1984	---	345.89 LE 21 JUL	336.70 LE 21 MAR *	1984
1985	---	345.48 LE 09 AOU	336.90 LE 14 MAR	1985
1986	---	---	---	1986

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.80 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTAOUAIS (RIVIERE DES) BARRAGE DES RAPIDES DES QUINZE - STATION NO. 02JB008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	263.14	263.22	263.20	---	1982
1983	262.62	261.83	261.01	261.11	263.05	263.42	263.33	263.03	262.72	263.17	263.00	262.71	262.59	1983
1984	262.08	261.33	260.91	261.50	263.07	263.41	263.40	263.38	263.08	---	---	---	---	1984
1985	---	261.95	260.89	260.91	263.23	263.36	263.36	263.28	262.90	262.77	262.85	262.73	---	1985
1986	262.20	261.35	260.65	261.31	263.13	263.32	263.21	263.00	263.05	263.13	263.12R	262.78R	262.53R	1986
1987	262.10	261.34	260.57	260.90	261.72	262.69	262.89	262.91	262.64	262.74	262.69	262.45	262.13	1987
1988	---	---	---	---	---	---	---	263.26	263.34	263.39	263.32	263.20	---	1988
1989	262.59	261.57	---	---	---	---	---	---	---	262.60	263.04	262.88	---	1989
1990	262.15	261.47	260.85	260.93	262.91	263.31	263.35	263.27	263.10	---	---	---	---	1990
MOYEN	262.29	261.55	260.81	261.11	262.85	263.25	263.26	263.15	262.98	262.99	263.03	262.85	262.42	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 35 29
LONG 079 17 42

BASSIN VERSANT, 23 400 km²
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

OUTAOUAIS (RIVIERE DES) BARRAGE DES RAPIDES DES QUINZE - STATION NO. 02JB008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	263.60 LE 01 JUN *	260.88 LE 02 AVR	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	263.39 LE 23 JUN	260.51 LE 29 MAR	1986
1987	---	262.92 LE 09 JUL	260.38 LE 28 MAR *	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTARDES (RIVIERE AUX) A LA CENTRALE NO. 3 - STATION NO. 02TE003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	229.75	229.84	229.87	---	1982
1983	229.85	229.79	229.84	229.73	229.67	229.68	229.70	229.73	229.78	229.71	229.83	229.78	229.76	1983
1984	229.77	229.71	229.57	229.54	229.75	229.68	228.05	229.59	229.79	229.57	229.63	229.76	229.53	1984
1985	229.75	229.67	229.52	229.55	229.67	229.62	229.64	229.69	229.69	229.65	229.69	229.29	229.62	1985
1986	229.26	229.54	229.75	229.57	229.62	229.50	229.56	229.43	229.48	229.50	229.66R	229.56R	229.54R	1986
1987	229.38	229.46	229.34	229.62	227.80	229.54	229.60	229.54	229.63	229.49	229.36	229.58	229.36	1987
1988	---	---	---	---	---	---	---	229.54	229.65	229.73	229.51	229.49	---	1988
1989	229.49	229.71	---	---	---	---	---	---	---	229.62	229.49	229.48	---	1989
1990	229.29	229.56	229.51	229.39	229.35	229.49	229.58	229.48	229.59	---	---	---	---	1990
MOYEN	229.54	229.63	229.59	229.57	229.31	229.59	229.35	229.57	229.66	229.63	229.63	229.60	229.56	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 49 33 30
LONG 068 43 15

BASSIN VERSANT, 17 900 km²
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

OUTARDES (RIVIERE AUX) A LA CENTRALE NO. 3 - STATION NO. 02TE003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	230.19 LE 07 FEV *	228.90 LE 26 OCT *	1983
1984	---	232.01 LE 24 JUL *	202.00 LE 25 JUL *	1984
1985	---	230.09 LE 10 OCT	228.94 LE 09 DEC	1985
1986	---	230.34 LE 08 JUN	228.84 LE 07 JAN	1986
1987	---	230.08 LE 20 AVR	220.87 LE 21 MAI	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTARDES (RIVIERE AUX) A LA CENTRALE NO. 4 - STATION NO. 02TE002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	352.14	352.20	351.92	---	1982
1983	351.23	350.11	348.73	347.87	350.70	352.35	353.26	353.34	---	353.33	352.83	352.76	---	1983
1984	352.42	351.66	350.39	347.80	348.09	351.10	352.48	353.22	352.89	352.92	352.59	351.94	351.46	1984
1985	351.06	350.02	349.60	349.28	350.04	352.87	353.16	352.99	352.77	352.88	352.34	351.13	351.52	1985
1986	349.43	347.60	345.74	344.31	346.42	348.77	349.69	349.82	349.79	350.18	349.99R	348.98R	348.40R	1986
1987	347.58	345.61	343.43	343.22	344.52	345.55	346.13	346.99	347.80	348.13	348.11	347.51	346.22	1987
1988	---	---	---	---	---	---	---	347.06	347.30	347.98	348.47	347.98	---	1988
1989	346.75	345.22	---	---	---	---	---	---	---	344.69	345.57	345.41	---	1989
1990	344.47	343.57	342.38	341.14	342.87	345.40	346.37	346.70	346.86	---	---	---	---	1990
MOYEN	348.99	347.68	346.71	345.60	347.11	349.34	350.18	350.02	349.57	350.28	350.27	349.70	349.40	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 49 42 25
LONG 068 54 28

BASSIN VERSANT, 17 200 km²
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

OUTARDES (RIVIERE AUX) A LA CENTRALE NO. 4 - STATION NO. 02TE002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	353.45 LE 08 AOU	346.81 LE 29 AVR	1984
1985	---	353.50 LE 26 JUN *	349.19 LE 25 AVR	1985
1986	---	350.33 LE 01 JAN	343.97 LE 25 AVR	1986
1987	---	348.42 LE 01 JAN	342.61 LE 31 MAR *	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PAPINEAU (LAC) - STATION NO. 02LC014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	375.32	375.32	375.30	375.53	375.51	375.48	375.51	375.59	375.50	375.53	375.53	375.51	375.47	1963
1964	375.50	375.18	375.15	375.51	375.55	375.50	375.50	375.35	375.34	375.15	375.22	375.54	375.37	1964
1965	375.53	375.54	375.21	375.37	375.56	375.42	375.47	375.46	375.49	375.55	375.56	375.51	375.47	1965
1966	375.51	375.51	375.46	375.43	375.52	375.49	375.46	375.45	375.48	375.48	375.61	375.61	375.50	1966
1967	375.79	375.73	375.61	375.81	375.75	375.79	375.70	375.70	375.75	375.79	375.75	375.75	375.74	1967
1968	375.72	375.63	375.57	375.85	375.66	375.73	375.68	375.69	375.60	375.75	375.74	375.75	375.70	1968
1969	375.74	375.59	375.58	375.81	375.82	375.76	375.72	375.70	375.73	375.72	375.79	375.64	375.72	1969
1970	375.56	375.54	375.41	375.67	375.79	375.81	375.78	375.77	375.80	375.82	375.80	375.76	375.71	1970
1971	375.71	375.69	375.58	375.60	375.84	375.71	375.70	375.69	375.70	375.68	375.69	375.68	375.69	1971
1972	375.65	375.70	375.68	375.67	375.91	375.76	375.75	375.74	375.71	375.77	375.66	375.72	375.73	1972
1973	375.73	375.67	375.68	375.70	375.73	375.76	375.80	375.78	375.76	375.73	375.74	375.73	375.74	1973
1974	375.75	375.77	375.63	375.71	375.85	375.80	375.81	375.78	375.77	375.78	375.80	375.80	375.77	1974
1975	375.78	375.76	375.57	---	375.85	375.81	375.76	375.72	375.71	375.78	375.79	375.77	---	1975
1976	375.75	375.74	375.66	375.91	375.71	---	375.78	375.75	375.79	375.81	375.78	375.76	---	1976
1977	375.74	375.74	375.63	375.81	375.75	375.78	375.77	375.79	375.68	375.75	375.84	375.81	375.76	1977
1978	375.77	375.66	---	375.62	375.81	375.79	375.76	375.76	375.73	---	375.75	375.79	---	1978
1979	375.79	375.73	375.62	375.76	375.75	375.78	375.76	375.75	375.66	375.71	375.80	375.78	375.74	1979
1980	375.77	375.72	375.64	375.81	375.76	375.76	375.80	375.80	375.83	375.76	375.76	375.76	375.76	1980
1981	375.72	375.79	375.61	375.84	375.81	375.82	375.75	375.76	375.77	375.72	375.79	375.74	375.76	1981
1982	375.73	375.71	375.59	375.67	375.79	375.78	375.76	375.73	375.73	375.74	375.74	375.74	375.73	1982
1983	375.67	375.66	375.59	375.67	375.83	375.75	375.71	375.69	375.69	375.76	375.77	375.74	375.71	1983
1984	375.71	375.71	375.47	375.80	375.81	375.79	375.78	375.76	375.75	375.78R	375.80R	375.77R	375.74R	1984
1985	375.72	375.69	375.51	375.73	375.82	375.78	375.76	375.74	375.74	375.72R	375.72R	375.71R	375.72R	1985
1986	375.67	375.56	---	375.79	375.77	375.75	375.75	375.78	375.78	375.71R	375.74R	375.71R	---	1986
1987	375.68	375.66	375.67	375.79	375.77	375.78	375.75	375.72	375.71	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	375.73	375.74	375.70	---	1988
1989	375.69	375.66	375.48	375.71	375.75	375.74	375.71	375.70	375.70	375.74	375.78	375.70	375.70	1989
1990	375.70	375.67	375.62	375.76	375.75	375.76	375.75	375.73	375.68	---	---	---	---	1990
MOYEN	375.68	375.64	375.54	375.71	375.75	375.73	375.71	375.70	375.69	375.70	375.72	375.71	375.68	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 07 21
LONG 074 17 39

BASSIN VERSANT, 17.8 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

PAPINEAU (LAC) - STATION NO. 02LC014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	377.33 LE 03 AOU *	375.21 LE 26 MAR	1963
1964	---	376.03 LE 23 AVR	375.06 LE 21 FEV	1964
1965	---	375.75 LE 24 OCT	374.92 LE 02 AVR	1965
1966	---	375.80 LE 22 AVR	374.91 LE 06 AVR *	1966
1967	---	376.10 LE 18 JUN	375.59 LE 17 MAI	1967
1968	---	376.02 LE 14 AVR	375.12 LE 07 SEP	1968
1969	---	376.11 LE 18 AVR	375.43 LE 10 FEV	1969
1970	---	376.18 LE 01 MAI	375.39 LE 05 AVR	1970
1971	---	375.94 LE 06 MAI	375.41 LE 28 MAR	1971
1972	---	376.17 LE 08 MAI	375.53 LE 20 NOV	1972
1973	---	376.07 LE 01 JUL	375.51 LE 13 AVR	1973
1974	---	376.15 LE 30 AVR	375.43 LE 04 AVR	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	376.13 LE 22 AVR	375.43 LE 28 MAR	1977
1978	---	---	---	1978
1979	---	376.13 LE 28 AVR	375.37 LE 02 OCT	1979
1980	---	376.17 LE 10 AVR	375.53 LE 27 MAR	1980
1981	---	376.36 LE 05 AVR	375.47 LE 12 MAR	1981
1982	---	376.09 LE 19 AVR	375.39 LE 13 AVR	1982
1983	---	376.10 LE 04 MAI	375.41 LE 02 AVR	1983
1984	---	376.03 LE 18 AVR	375.39 LE 30 MAR	1984
1985	---	376.12 LE 27 AVR	375.35 LE 26 MAR	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	376.10 LE 17 NOV	375.35 LE 27 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PERIBONCA (RIVIERE) A LA CENTRALE DE CHUTE-A-LA-SAVANE - STATION NO. 02RC002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	137.90	137.89	137.89	137.89	137.89	137.90	137.90	137.89	137.90	137.90	137.90	137.90	137.90	1983
1984	137.88	137.89	137.86	137.89	137.89	137.89	137.90	137.89	137.88	137.89	137.85	137.88	137.88	1984
1985	137.88	137.89	137.89	137.90	137.89	137.89	137.90	137.89	137.89	137.89	137.88	137.88	137.89	1985
1986	137.89	137.88	137.89	137.88	137.88	137.88	137.88	137.88	137.88	137.87	137.88	137.87	137.88	1986
1987	137.87	137.86	137.88	137.86	137.86	137.84	137.85	137.86	137.85	137.85	137.86	137.85	137.86	1987
1988	137.86	137.86	137.84	137.86	137.87	137.86	137.84	137.86	137.84	137.86	137.86	137.86	137.86	1988
MOYEN	137.88	137.88	137.88	137.88	137.88	137.88	137.88	137.88	137.87	137.88	137.87	137.87	137.88	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 45 15
LONG 071 50 24

BASSIN VERSANT, 26 900 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

PERIBONCA (RIVIERE) A LA CENTRALE DE CHUTE-A-LA-SAVANE - STATION NO. 02RC002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	137.92 LE 11 JAN	137.82 LE 27 MAR	1983
1984	---	137.92 LE 11 MAI	137.38 LE 22 NOV *	1984
1985	---	137.92 LE 23 JUN	137.82 LE 15 MAR	1985
1986	---	137.92 LE 18 JUN	137.80 LE 20 FEV	1986
1987	---	137.94 LE 21 NOV *	137.67 LE 09 JUN	1987
1988	---	137.92 LE 13 MAR	137.67 LE 22 MAR	1988

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PERIBONCA (RIVIERE) A LA CENTRALE DE LA CHUTE DU DIABLE - STATION NO. 02RC007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	172.21	172.23	172.09	168.67	169.79	172.21	172.23	172.21	172.23	172.23	172.23	172.22	171.71	1983
1984	172.23	172.22	171.72	168.06	172.05	172.23	172.23	172.23	172.23	172.23	172.23	172.23	171.83	1984
1985	172.23	172.24	172.24	168.34	168.25	172.23	172.24	172.23	172.22	172.24	172.21	172.21	171.57	1985
1986	172.22	172.22	172.22	168.06	172.06	172.19	172.21	172.22	172.21	172.22	172.22	172.22	171.86	1986
1987	172.22	172.23	172.20	169.34	171.68	172.21	172.20	172.19	172.21	172.20	172.20	172.21	171.93	1987
1988	172.21	172.22	172.19	168.23	171.12	172.21	172.19	172.18	172.18	172.18	172.19	172.21	171.78	1988
MOYEN	172.22	172.23	172.11	168.45	170.83	172.21	172.22	172.21	172.21	172.22	172.21	172.22	171.78	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 46 51
LONG 071 41 51

BASSIN VERSANT, 25 600 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

PERIBONCA (RIVIERE) A LA CENTRALE DE LA CHUTE DU DIABLE - STATION NO. 02RC007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	172.28 LE 09 SEP	166.24 LE 05 MAI	1983
1984	---	172.26 LE 04 JAN	166.86 LE 24 AVR	1984
1985	---	172.27 LE 26 JUL	165.98 LE 28 AVR *	1985
1986	---	172.27 LE 14 SEP	166.49 LE 26 AVR	1986
1987	---	172.29 LE 17 SEP *	166.86 LE 18 AVR	1987
1988	---	172.25 LE 02 JAN	166.40 LE 21 AVR	1988

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PERIBONCA (RIVIERE) AU RESERVOIR DE LA PASSE DANGEREUSE - STATION NO. 02RC005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1943	407.88	407.40	407.24	407.02	413.71	431.50	435.29	437.43	440.09	438.59	437.32	430.81	424.62	1943
1944	423.14	411.59	406.69	406.43	416.60	427.04	430.75	433.82	437.27	439.78	440.33	439.20	426.11	1944
1945	437.08	432.89	428.30	428.98	435.28	439.89	440.07	440.18	440.15	440.15	440.37	439.98	436.97	1945
1946	437.44	435.81	436.04	435.33	437.53	440.26	440.43	440.43	439.29	439.81	440.44	439.14	438.49	1946
1947	435.59	428.33	423.86	422.73	420.03	434.03	438.63	439.67	440.39	440.42	439.84	437.18	433.42	1947
1948	430.92	420.12	408.18	407.41	417.84	429.77	433.02	435.70	437.14	436.13	429.69	427.05	426.11	1948
1949	422.61	416.33	412.88	414.98	421.56	433.00	437.95	440.11	440.17	440.41	440.07	436.49	429.80	1949
1950	432.05	426.60	424.71	424.12	427.35	438.47	440.39	440.17	437.80	434.37	436.01	437.86	433.37	1950
1951	435.74	430.60	423.29	424.03	431.42	436.53	433.53	430.00	426.80	428.37	431.12	433.31	430.40	1951
1952	432.96	427.89	418.74	416.69	423.71	434.74	437.86	439.40	440.26	440.40	439.91	438.63	432.62	1952
1953	437.85	435.98	432.56	431.62	435.76	440.16	439.83	438.77	439.19	439.83	438.13	437.69	437.29	1953
1954	436.29	433.33	430.30	424.79	429.78	436.80	437.18	436.05	435.48	436.46	435.93	435.31	433.99	1954
1955	434.52	431.77	427.57	422.50	428.34	435.66	434.17	429.44	424.76	424.11	425.31	422.44	428.37	1955
1956	422.00	421.35	419.45	415.54	416.91	427.53	432.58	434.84	438.22	440.45	439.47	436.49	428.76	1956
1957	434.55	431.48	425.93	417.69	420.59	430.54	436.71	439.05	440.19	440.01	439.52	439.01	432.96	1957
1958	438.40	437.78	434.43	430.47	433.77	438.91	439.98	439.96	439.98	439.86	438.73	436.23	437.38	1958
1959	434.11	430.34	423.64	415.02	419.13	431.20	434.52	436.31	437.84	439.05	439.89	439.93	431.77	1959
1960	438.72	436.84	433.75	428.21	431.11	438.19	439.22	440.00	440.12	440.17	440.21	439.77	437.20	1960
1961	439.14	437.99	436.17	434.22	436.93	440.15	440.14	440.19	440.24	439.92	438.94	437.05	438.43	1961
1962	434.06	430.07	426.96	423.34	425.65	433.75	434.26	435.96	436.51	437.10	434.76	433.72	432.20	1962
1963	432.34	429.59	425.71	421.05	423.43	431.90	435.33	437.25	435.69	434.40	433.51	433.57	431.17	1963
1964	433.58	432.53	429.56	426.05	432.86	439.20	440.16	439.34	439.35	439.24	438.06	436.58	435.56	1964
1965	436.78	435.71	432.26	427.19	427.46	436.03	438.86	440.49	440.55	440.59	440.02	438.39	436.20	1965
1966	437.41	435.64	431.56	427.95	429.64	437.68	438.63	440.29	440.35	440.56	440.57	440.29	436.72	1966
1967	439.19	438.09	434.16	429.06	427.38	433.45	435.11	438.32	437.94	439.46	440.52	439.47	436.00	1967
1968	438.50	437.37	434.42	430.89	435.36	437.27	436.43	438.10	439.62	439.68	439.66	438.47	437.17	1968
1969	437.91	435.63	431.61	427.28	427.10	435.25	438.68	439.18	439.62	439.89	440.14	439.84	436.02	1969
1970	439.09	438.21	435.10	430.30	431.71	438.63	440.46	440.56	440.54	440.19	438.52	437.21	437.54	1970
1971	436.07	433.68	430.19	425.30	427.78	432.00	432.86	433.73	435.15	437.86	438.65	437.18	433.37	1971
1972	435.84	433.16	428.72	423.07	421.77	431.81	432.87	432.31	434.02	436.90	436.98	435.24	431.89	1972
1973	432.25	428.38	424.51	420.95	428.26	437.09	439.48	440.19	440.48	440.45	440.05	438.88	434.36	1973
1974	438.21	436.35	432.65	428.36	427.55	438.18	440.07	439.65	439.41	439.10	438.88	438.87	436.44	1974
1975	438.58	436.21	432.19	427.29	428.78	435.83	438.35	439.70	439.10	439.28	439.48	439.49	436.20	1975
1976	439.06	437.84	434.89	432.12	436.19	439.89	439.09	438.19	439.28	440.31	438.97	437.86	437.81	1976
1977	436.32	434.03	431.48	428.74	431.76	440.03	440.53	440.54	440.49	440.38	440.16	439.58	437.02	1977
1978	437.44	434.53	431.09	427.16	427.82	435.62	439.87	440.52	440.22	439.77	439.38	438.11	435.98	1978
1979	436.36	434.29	431.42	430.43	436.43	440.34	439.92	440.09	440.00	440.16	440.37	440.09	437.52	1979
1980	438.50	436.09	432.63	429.94	434.72	437.79	438.93	440.23	439.88	440.47	440.29	439.24	437.40	1980
1981	437.48	435.37	434.78	433.23	435.42	440.43	440.26	439.11	437.81	437.64	437.06	435.62	437.03	1981
1982	432.48	429.65	427.20	424.39	428.83	437.41	439.67	439.50	438.50	438.70	439.27	438.97	434.58	1982
1983	437.73	435.48	432.51	430.57	435.53	440.50	440.12	439.77	439.81	440.48	439.61	438.22	437.54	1983
1984	436.00	433.07	430.41	427.44	432.35	437.50	438.55	439.33	438.38	438.64	438.52	438.56	435.75	1984
1985	437.81	434.94	430.63	425.32	426.12	436.17	438.39	437.99	437.17	437.50	437.83	437.09	434.75	1985
1986	435.62	433.24	428.13	424.17	431.62	435.61	436.37	435.49	435.71	437.70	437.84	437.11	434.04	1986
1987	435.06	431.90	426.79	425.61	430.37	432.74	432.63	433.63	434.80	435.50	436.09	436.19	432.62	1987
1988	434.41	432.29	429.58	427.83	431.39	435.11	436.92	435.93	437.19	438.79	438.99	438.64	434.77	1988
MOYEN	434.68	431.69	427.93	424.84	428.49	435.92	437.50	437.98	438.11	438.46	438.16	437.09	434.25	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 49 54 00
LONG 071 15 15

BASSIN VERSANT, 11 000 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

PERIBONCA (RIVIERE) AU RESERVOIR DE LA PASSE DANGEREUSE - STATION NO. 02RC005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1943	---	440.49 LE 19 SEP	406.89 LE 24 AVR	1943
1944	---	440.52 LE 08 NOV	406.36 LE 21 AVR *	1944
1945	---	440.50 LE 13 NOV	428.00 LE 16 MAR	1945
1946	---	440.54 LE 06 NOV	434.01 LE 24 AVR	1946
1947	---	440.55 LE 14 SEP	417.89 LE 06 MAI	1947
1948	---	437.49 LE 03 SEP	406.52 LE 31 MAR	1948
1949	---	440.58 LE 31 OCT	411.83 LE 02 MAR	1949
1950	---	440.51 LE 26 JUL	423.28 LE 20 AVR	1950
1951	---	437.82 LE 01 JAN	421.88 LE 27 MAR	1951
1952	---	440.48 LE 21 OCT	416.12 LE 23 MAR	1952
1953	---	440.32 LE 15 JUN	430.63 LE 04 AVR	1953
1954	---	437.62 LE 29 JUN	423.64 LE 19 AVR	1954
1955	---	436.20 LE 15 JUN	421.35 LE 15 AVR	1955
1956	---	440.58 LE 23 OCT	414.49 LE 15 AVR	1956
1957	---	440.57 LE 26 SEP	415.16 LE 20 AVR	1957
1958	---	440.21 LE 08 SEP	430.04 LE 16 AVR	1958
1959	---	440.06 LE 08 DEC	411.89 LE 29 AVR	1959
1960	---	440.30 LE 12 SEP	426.73 LE 01 MAI	1960
1961	---	440.39 LE 21 SEP	433.91 LE 27 AVR	1961
1962	---	437.63 LE 08 OCT	422.37 LE 27 AVR	1962
1963	---	437.51 LE 12 AOU	419.94 LE 26 AVR	1963
1964	---	440.50 LE 12 JUL	425.45 LE 18 AVR	1964
1965	---	440.67 LE 31 OCT *	424.69 LE 08 MAI	1965
1966	---	440.64 LE 02 DEC	427.37 LE 23 AVR	1966
1967	---	440.63 LE 02 NOV	426.28 LE 06 MAI	1967
1968	---	440.22 LE 31 OCT	430.10 LE 20 AVR	1968
1969	---	440.57 LE 24 NOV	425.31 LE 08 MAI	1969
1970	---	440.65 LE 22 SEP	428.54 LE 30 AVR	1970
1971	---	439.26 LE 02 NOV	423.74 LE 28 AVR	1971
1972	---	437.66 LE 23 OCT	419.52 LE 13 MAI	1972
1973	---	440.60 LE 17 OCT	420.08 LE 19 AVR	1973
1974	---	440.41 LE 03 JUL	426.08 LE 10 MAI	1974
1975	---	439.86 LE 10 AOU	425.23 LE 03 MAI	1975
1976	---	440.51 LE 18 OCT	431.15 LE 30 AVR	1976
1977	---	440.58 LE 05 JUL	427.62 LE 26 AVR	1977
1978	---	440.58 LE 17 AOU	424.59 LE 07 MAI	1978
1979	---	440.57 LE 28 OCT	430.06 LE 24 AVR	1979
1980	---	440.59 LE 19 OCT	429.69 LE 25 AVR	1980
1981	---	440.57 LE 10 JUN	432.79 LE 03 MAI	1981
1982	---	440.22 LE 02 AOU	423.59 LE 25 AVR	1982
1983	---	440.59 LE 18 JUN	430.09 LE 20 AVR	1983
1984	---	439.59 LE 04 AOU	426.51 LE 24 AVR	1984
1985	---	438.47 LE 01 JUL	423.30 LE 30 AVR	1985
1986	---	437.92 LE 19 NOV	423.44 LE 22 AVR	1986
1987	---	436.58 LE 04 DEC	423.96 LE 02 AVR	1987
1988	---	439.14 LE 15 NOV	427.69 LE 26 AVR	1988

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PERIBONCA (RIVIERE) EN AVAL DE LA CENTRALE CHUTE DU DIABLE - STATION NO. 02RC008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	139.30	139.90	139.26	139.09	139.57	139.69	139.01	139.18	139.32	---	1977
1978	139.59	139.45	139.41	139.30	139.62	139.51	138.97	139.00	139.13	139.22	138.91	139.08	139.27	1978
1979	139.06	139.15	139.26	139.28	140.32	140.67	139.14	139.88	139.86	140.00	139.20	139.05	139.57	1979
1980	139.26	139.41	138.87	138.63	138.58	138.98	138.99	139.27	139.07	140.02	139.01	139.12	139.10	1980
1981	139.14	139.35	139.07	139.70	140.26	140.79	139.58	139.19	139.23	139.13	139.14	139.16	139.48	1981
1982	139.40	139.20	138.88	139.33	139.83	139.45	139.25	139.08	139.24	139.17	139.36	139.09	139.27	1982
1983	139.17	139.24	139.30	139.86	140.27	140.61	139.01	139.28	139.77	139.80	139.49	139.41	139.60	1983
1984	139.28	139.31	139.27	139.48	140.22	138.98	139.31	139.12	139.09	139.09	139.22	139.08	139.29	1984
1985	139.19	139.14	139.13	139.53	139.46	139.21	139.26	139.05	138.97	139.34	139.14	139.06	139.21	1985
1986	139.10	139.11	139.13	139.39	139.46	138.87	139.09	139.14	139.04	139.07	139.04	139.11	139.13	1986
1987	139.13	139.15	139.22	139.42	139.12	139.12	138.83	138.77	138.83	138.54	138.80	138.83	138.98	1987
1988	138.71	138.61	138.90	139.10	139.52	138.98	138.95	139.05	139.01	138.95	138.87	138.95	138.97	1988
MOYEN	139.18	139.19	139.13	139.36	139.71	139.54	139.12	139.20	139.24	139.28	139.11	139.11	139.26	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 46 51
LONG 071 41 51

BASSIN VERSANT, 25 600 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

PERIBONCA (RIVIERE) EN AVAL DE LA CENTRALE CHUTE DU DIABLE - STATION NO. 02RC008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	141.15 LE 15 JUN	138.52 LE 02 SEP	1978
1979	---	142.83 LE 20 JUN *	137.98 LE 25 JUL	1979
1980	---	141.05 LE 10 OCT	136.84 LE 01 AVR *	1980
1981	---	141.93 LE 17 MAI	138.81 LE 29 OCT	1981
1982	---	141.05 LE 13 MAI	138.57 LE 08 MAR	1982
1983	---	141.94 LE 12 JUN	138.14 LE 29 JUL	1983
1984	---	141.00 LE 28 MAI	137.71 LE 24 JUN	1984
1985	---	140.38 LE 03 JUN	137.12 LE 21 DEC	1985
1986	---	141.03 LE 03 MAI	138.48 LE 26 JUN	1986
1987	---	139.97 LE 03 AVR	137.77 LE 14 OCT	1987
1988	---	140.27 LE 16 MAI	137.18 LE 07 FEV	1988

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PERIBONCA (RIVIERE) EN AVAL DE LA CENTRALE DE CHUTE-A-LA-SAVANE - STATION NO. 02RC009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	104.15	105.45	104.22	103.87	104.45	104.82	103.88	103.70	103.77	---	1977
1978	104.03	103.78	103.93	103.97	104.91	104.74	103.90	103.90	103.95	104.25	103.59	103.52	104.04	1978
1979	103.19	103.19	103.51	103.97	105.74	106.22	103.88	104.92	104.81	105.24	104.32	104.11	104.43	1979
1980	103.99	104.04	104.05	104.46	104.71	103.88	103.54	103.99	103.46	105.02	103.29	103.27	103.98	1980
1981	103.22	103.76	103.18	104.46	105.47	105.93	104.20	103.65	103.53	103.55	103.53	103.37	103.99	1981
1982	103.61	103.39	102.78	103.76	105.08	104.19	103.80	103.49	103.79	103.46	103.94	103.56	103.74	1982
1983	103.35	103.37	103.50	104.74	105.53	105.84	103.29	103.30	104.17	104.37	103.88	103.71	104.09	1983
1984	103.57	103.53	103.47	104.09	105.33	103.35	103.80	103.43	103.25	103.29	103.52	103.49	103.68	1984
1985	103.33	103.20	103.24	103.96	104.29	103.74	103.82	103.35	103.13	103.76	103.48	103.40	103.56	1985
1986	103.29	103.24	103.28	103.88	104.08	103.23	103.43	103.45	103.52	103.46	103.41	103.42	103.48	1986
1987	103.28	103.24	103.39	104.00	103.34	103.37	103.00	102.80	103.05	103.40	103.32	103.10	103.27	1987
1988	102.85	102.77	102.91	103.46	104.19	103.31	103.12	103.46	103.36	103.38	103.26	103.21	103.28	1988
MOYEN	103.43	103.41	103.39	104.08	104.84	104.34	103.64	103.68	103.74	103.92	103.60	103.49	103.78	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 45 15
LONG 071 50 24

BASSIN VERSANT, 26 900 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

PERIBONCA (RIVIERE) EN AVAL DE LA CENTRALE DE CHUTE-A-LA-SAVANE - STATION NO. 02RC009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	107.09 LE 15 JUN 109.38 LE 02 MAI *	102.57 LE 19 FEV 101.95 LE 25 JUL	1979
1980	---	106.61 LE 11 OCT	102.50 LE 02 SEP	1980
1981	---	108.13 LE 16 MAI	102.71 LE 19 MAR	1981
1982	---	107.14 LE 13 MAI	102.35 LE 08 MAR	1982
1983	---	107.76 LE 12 JUN	102.20 LE 26 JUN	1983
1984	---	106.50 LE 28 MAI	102.62 LE 01 MAR	1984
1985	---	105.47 LE 03 JUN	102.45 LE 08 JUN	1985
1986	---	106.68 LE 03 MAI	102.55 LE 26 JUN	1986
1987	---	104.95 LE 03 AVR	101.78 LE 08 SEP	1987
1988	---	105.17 LE 16 MAI	101.03 LE 22 SEP *	1988

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PETIT MECATINA (RIVIERE DU) EN AVAL DU LAC BRETON - STATION NO. 02XA007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	26.46	26.49	26.28	---	1982
1983	26.15	---	---	---	29.41	27.60	27.05	26.99	26.95	27.24	27.07	26.74	---	1983
1984	26.36	26.15	26.13	26.22	---	---	27.25	26.52	26.79	26.61R	26.33R	26.43R	---	1984
1985	26.21	26.09	26.02	26.00	27.39	29.03	27.49	27.44	27.02	27.23R	26.64R	26.21R	26.90R	1985
1986	26.11	26.22	---	---	28.30	27.20	27.05	26.73	27.04	26.88R	26.38R	26.15R	---	1986
1987	26.00	25.93	25.91	27.05	27.76	27.30	26.79	26.69	26.68	27.45R	26.75R	26.55R	26.74R	1987
1988	26.10	26.01	---	---	---	---	---	26.38	26.27	27.05	26.96	---	---	1988
1989	---	---	25.85	25.87	28.28	---	---	28.01	27.90	27.33	26.93	26.68	---	1989
1990	---	---	---	---	27.88	27.87	26.98	26.83	26.65	---	---	---	---	1990
MOYEN	26.16	26.08	25.98	26.29	28.17	27.80	27.10	26.95	26.91	27.03	26.69	26.43	26 82	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 251.67 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 51 49 17
LONG 060 06 38

BASSIN VERSANT, 12 100 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

PETIT MECATINA (RIVIERE DU) EN AVAL DU LAC BRETON - STATION NO. 02XA007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	30.67 LE 30 MAI *	25.95 LE 07 AVR	1985
1986	---	---	---	1986
1987	---	28.62 LE 27 AVR	25.86 LE 31 MAR *	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 251.67 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PILES (LAC DES) - STATION NO. 02NG017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNE
1977	---	---	---	---	---	---	---	---	---	165.70	---	165.81	---	197
1978	---	---	---	166.02	165.98	165.93	165.93	165.82	165.69	---	---	165.62	---	197
1979	---	---	---	166.02	166.03	165.95	165.88	165.79	165.92	165.92	165.93	---	---	197
1980	---	---	---	165.95	165.99	165.91	165.79	165.83	165.73	165.79	165.87	165.91	---	198
1981	165.87	165.97	---	---	165.98	166.00	165.92	165.90	165.83	165.78R	165.89R	165.86R	---	198
1982	---	---	---	---	---	165.85R	165.78R	---	---	---	165.64R	---	---	198
1983	---	---	---	---	---	---	---	---	---	---	165.51R	---	---	198
1984	---	---	---	166.00R	165.97R	165.97R	165.97R	165.93R	165.89R	165.80R	---	---	---	198
1985	---	---	---	---	---	165.91	165.87	165.76	165.68	165.70R	165.68R	---	---	198
1986	---	---	---	165.97	166.03	165.99	165.90	165.90	165.88	165.87R	165.81R	165.79R	---	198
1987	165.77	165.74	165.73	165.90	165.86	165.92	165.94	165.86	165.78	165.73R	165.81R	165.83R	165.82R	198
1988	165.76	165.76	165.75	165.93	165.91	165.79	165.73	165.65	165.56	165.54	165.82	165.73	165.74	198
1989	165.73	165.70	165.67	165.86	165.95	165.92	165.78	165.62	165.49	165.46	165.74	165.79	165.73	198
1990	165.78	165.77	165.80	165.92	165.93	165.92	165.86	165.77	165.65	---	---	---	---	199
MOYEN	165.78	165.79	165.74	165.95	165.96	165.92	165.86	165.80	165.74	165.73	165.77	165.79	165.76	MOYE

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 38 30 LONG 072 46 50 — BASSIN VERSANT, 16.2 km² — DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

PILES (LAC DES) - STATION NO. 02NG017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNE
1977	---	---	---	197
1978	---	---	---	197
1979	---	---	---	197
1980	---	---	---	198
1981	---	---	---	198
1982	---	---	---	198
1983	---	---	---	198
1984	---	---	---	198
1985	---	---	---	198
1986	---	---	---	198
1987	---	166.06 LE 01 AVR *	165.69 LE 22 MAR	198
1988	---	165.97 LE 17 AVR	165.50 LE 29 SEP	198
1989	---	166.02 LE 07 MAI	165.37 LE 20 OCT *	198
1990	---	---	---	199

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PINS (RIVIERE AUX) AU RESERVOIR SAINT-JOSEPH - STATION NO. 02PC011

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNE
1968	47.50	47.25	47.03	47.88	47.60	47.64	47.59	47.49	47.54	46.95	47.24	47.58	47.44	196
1969	47.40	47.21	46.96	47.34	48.08	47.73	47.70	47.70	47.63	47.64	47.58	47.53	47.54	196
1970	47.48	47.39	47.19	47.29	47.78	47.62	47.67	47.66	47.66	47.64	47.64	47.51	47.55	197
1971	47.50	47.46	47.18	47.04	47.76	47.63	47.66	47.67	47.62	47.13	47.11	47.53	47.44	197
1972	47.51	47.49	47.42	47.00	47.92	47.67	47.66	47.67	47.59	47.42	47.55	47.56	47.54	197
1973	47.53	47.54	47.43	47.49	47.75	47.64	47.67	47.61	47.33	47.07	47.33	47.58	47.50	197
1974	47.34	47.33	47.10	47.16	48.01	47.58	47.61	47.57	47.48	47.49	47.15	47.04	47.41	197
1975	46.75	46.64	46.77	47.10	47.66	47.63	47.51	47.47	47.52	47.44	47.48	47.35	47.28	197
1976	47.10	47.20	46.78	47.52	47.58	47.63	47.65	47.63	47.60	47.55	47.52	47.53	47.44	197
1977	47.50	47.45	47.00	47.06	47.50	47.61	47.63	47.61	47.40	46.90	47.29	47.48	47.37	197
1978	47.49	47.25	46.78	46.74	47.38	47.59	47.55	47.53	47.46	46.97	47.17	47.55	47.29	197
1979	47.52	47.45	47.28	---	47.59	47.58	47.52	47.54	47.65	47.63	47.61	47.56	---	197
1980	47.48	47.39	46.99	47.36	47.62	47.65	47.65	47.63	47.64	47.65	47.64	47.58	47.52	198
1981	47.41	47.45	47.06	47.51	47.67	47.67	47.63	47.64	47.56	47.12	47.49	47.48	47.47	198
1982	47.46	47.40	47.07	47.05	47.50	47.61	47.61	47.58	47.64	47.65	47.66	47.60	47.49	198
1983	47.49	47.41	47.07	47.10	47.67	47.59	47.60	47.56	47.50	47.61	47.63	47.55	47.48	198
1984	47.31	47.16	46.89	47.04	47.53	47.62	47.62	47.60	47.55	47.60R	47.57R	47.49R	47.42R	198
1985	47.37	47.20	47.01	46.99	47.58	47.62	47.62	47.52	47.44	47.61R	47.57R	47.40R	47.41R	198
1986	47.28	---	46.95	47.22	47.54	47.62	47.61	47.61	47.62	47.63R	47.53R	47.42R	---	198
1987	47.37	---	47.09	47.62	47.67	47.67	47.67	47.63	---	47.69R	---	47.58R	---	198
1988	47.55	47.57	---	---	---	47.58	47.66	47.66	47.66	47.67	47.68	47.52	---	198
1989	---	---	46.95	46.93	47.50	47.66	47.55	47.51	47.46	47.66	47.66	47.46	---	198
1990	47.45	47.44	47.11	---	47.61	47.68	47.66	47.64	---	---	---	---	---	199
MOYEN	47.40	47.33	47.05	47.22	47.66	47.63	47.62	47.60	47.55	47.44	47.48	47.49	47.45	MOYE

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 111.22 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 52 04 LONG 071 38 27 — BASSIN VERSANT, 213 km² — REGULARISE

R - REVISEE DEPUIS JAN 01 1988

PINS (RIVIERE AUX) AU RESERVOIR SAINT-JOSEPH - STATION NO. 02PC011

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1968	---	48.34 LE 27 AVR	46.85 LE 18 OCT	1968
1969	---	48.55 LE 10 MAI *	46.90 LE 24 MAR	1969
1970	---	48.37 LE 03 MAI	46.91 LE 12 AVR	1970
1971	---	48.03 LE 06 MAI	46.79 LE 15 AVR	1971
1972	---	48.23 LE 09 MAI	46.85 LE 13 AVR	1972
1973	---	48.12 LE 25 AVR	46.80 LE 03 OCT	1973
1974	---	48.54 LE 14 MAI	46.80 LE 08 DEC	1974
1975	---	48.02 LE 16 JUN	46.61 LE 18 FEV	1975
1976	---	48.11 LE 24 AVR	46.68 LE 21 MAR	1976
1977	---	47.78 LE 19 JUL	46.66 LE 29 MAR	1977
1978	---	47.65 LE 12 JAN	46.54 LE 10 AVR *	1978
1979	---	---	---	1979
1980	---	47.76 LE 12 AVR	46.78 LE 28 MAR	1980
1981	---	47.78 LE 13 MAI	46.79 LE 28 MAR	1981
1982	---	47.76 LE 06 NOV	46.82 LE 17 AVR	1982
1983	---	47.90 LE 03 MAI	46.80 LE 19 MAR	1983
1984	---	47.71 LE 14 NOV	46.60 LE 02 AVR	1984
1985	---	47.70 LE 15 JUL	46.69 LE 14 AVR	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 111.22 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

POHENEGAMOOK (LAC) A ESTCOURT - STATION NO. 01AD014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1968	---	---	---	---	---	---	---	44.36	44.39	44.39	44.47	---	---	1968
1969	---	---	---	---	---	44.71	44.44	44.51	44.78	44.61	45.02	---	---	1969
1970	---	---	---	---	---	44.86	44.46	44.35	44.59	44.83	44.75	---	---	1970
1971	---	---	---	---	45.88	44.63	44.43	44.59	45.01	44.65	44.53	---	---	1971
1972	---	---	---	---	45.93	44.99	44.55	44.47	44.56	44.80	44.77	---	---	1972
1973	---	---	---	---	45.64	44.83	---	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	44.54	44.61	---	---	1974
1975	---	---	---	---	---	---	---	44.42	44.55	44.47	44.64	---	---	1975
1976	---	---	---	---	45.70	44.70	44.61	44.80	44.66	45.10	44.90	---	---	1976
1977	---	---	---	---	45.81	44.89	44.51	44.41	44.42	44.82	44.68	---	---	1977
1978	---	---	---	---	45.88	44.62	44.37	44.27	44.25	44.29	---	---	---	1978
1979	---	---	---	---	45.45	45.02	44.54	44.39	44.72	44.64	44.66	---	---	1979
1980	---	---	---	---	45.07	44.61	44.59	44.64	44.75	44.88	44.63	---	---	1980
1981	---	---	44.88	45.48	45.39	44.75	44.64	45.21	44.48	44.93	44.83	---	---	1981
MOYEN	---	---	44.88	45.48	45.64	44.78	44.51	44.54	44.60	44.69	44.71	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 162.38 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 27 36
LONG 069 13 32

BASSIN VERSANT, 389 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

POHENEGAMOOK (LAC) A ESTCOURT - STATION NO. 01AD014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 162.38 m POUR OBTENIR LES COTES GEODESIQUES

POVUNGNITUK (LAC DE) - STATION NO. 03GD002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	26.56	---	---	---	---	---	---	---	26.88	26.77	26.63	---	1976
MOYEN	---	26.56	---	---	---	---	---	---	---	26.88	26.77	26.63	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 60 05 20
LONG 076 56 20

BASSIN VERSANT, 28 000 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

POVUNGNITUK (LAC DE) - STATION NO. 03GD002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNE
1975	---	---	---	197
1976	---	---	---	197

PLAN DE REFERENCE - ARBITRAIRE

PRAIRIES (RIVIERE DES) A AHUNTSIC - STATION NO. 020A006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNE
1964	17.12	17.11	16.97	17.02	17.11	17.08	17.07	17.05	17.07	---	---	---	---	196
MOYEN	17.12	17.11	16.97	17.02	17.11	17.08	17.07	17.05	17.07	---	---	---	---	MOYE

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 33 25
LONG 073 40 34 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

PRAIRIES (RIVIERE DES) A AHUNTSIC - STATION NO. 020A006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNE
1964	---	---	---	196

PLAN DE REFERENCE - ARBITRAIRE

PRAIRIES (RIVIERE DES) A CARTIERVILLE - STATION NO. 020A002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1916	---	---	---	2.72	3.38	2.69	1.62	0.93	0.62	0.85	1.39	1.55	---	1916
1917	1.61	1.95	1.49	2.34	2.71	2.60	2.12	1.63	1.11	1.00	1.24	1.24	1.75	1917
1918	1.62	1.97	2.02	2.51	2.37	2.92	1.73	1.08	1.12	1.63	2.08	1.85	1.82	1918
1919	1.76	1.23	1.45	2.60	3.41	2.72	1.43	0.90	0.96	1.39	1.79	1.89	1.80	1919
1920	1.66	1.62	1.87	2.23	2.27	1.56	1.32	1.01	0.76	0.61	0.87	1.00	1.40	1920
1921	1.12	0.92	1.75	2.72	2.59	1.48	0.93	0.68	0.40	0.60	0.98	1.20	1.29	1921
1922	1.36	1.21	1.26	2.85	2.97	1.81	1.28	0.86	0.77	0.67	0.69	0.89	1.39	1922
1923	1.14	1.32	1.23	1.86	3.30	2.26	1.41	0.95	1.03	0.80	0.87	1.25	1.45	1923
1924	1.257	1.321	1.153	2.294	3.171	2.405	1.502	1.103	1.014	1.243	1.054	1.473	1.583	1924
1925	1.679	1.522	1.797	2.597	2.477	2.246	1.795	1.380	0.819	0.865	1.265	1.336	1.648	1925
1926	1.287	1.207	0.936	1.542	2.871	2.457	1.836	1.238	0.893	0.898	1.730	1.745	1.555	1926
1927	1.512	1.293	1.682	2.514	3.094	2.168	1.899	1.681	1.144	1.255	1.900	1.915	1.707	1927
1928	1.338	1.339	1.272	2.948	3.762	2.789	2.113	1.665	1.668	2.348	2.499	1.972	2.143	1928
1929	1.955	1.384	1.775	2.918	3.539	2.378	1.838	1.218	0.992	0.996	1.353	1.964	1.862	1929
1930	2.524	2.564	2.162	2.168	2.335	2.336	2.206	1.508	1.382	1.332	1.285	1.443	1.934	1930
1931	1.774	1.787	1.590	1.802	1.915	1.644	1.263	1.212	1.270	1.261	1.406	1.779	1.557	1931
1932	2.009	2.324	2.037	2.640	2.213	1.770	1.650	1.614	2.017	2.199	2.594	2.697	2.145	1932
1933	2.271	2.378	2.187	3.165	2.970	1.975	1.522	1.450	1.100	1.163	1.071	1.415	1.886	1933
1934	1.860	2.143	1.890	2.886	3.123	2.153	1.635	1.287	1.265	1.384	1.353	1.929	1.907	1934
1935	2.328	2.181	2.407	2.348	1.996	1.659	1.786	1.433	1.505	1.469	1.550	1.529	1.847	1935
1936	2.010	2.331	2.563	2.505	3.383	2.482	1.536	1.308	1.337	1.518	1.848	2.057	2.072	1936
1937	2.571	2.514	2.351	2.582	2.789	1.838	1.393	1.336	1.228	1.415	1.997	2.303	2.024	1937
1938	2.591	2.502	2.794	3.102	2.851	2.005	1.470	1.383	1.419	1.564	1.385	1.447	2.041	1938
1939	2.012	2.467	2.347	2.536	3.047	2.305	1.815	1.676	1.379	1.417	1.472	1.866	2.026	1939
1940	2.562	2.315	2.054	2.444	2.408	2.528	1.807	1.304	1.311	1.257	1.454	2.010	1.953	1940
1941	2.435	2.361	2.118	2.571	2.144	1.574	1.455	1.465	1.546	1.801	2.205	2.495	2.012	1941
1942	2.753	2.753	2.557	2.681	2.442	2.098	1.649	1.596	1.568	1.519	1.576	2.315	2.122	1942
1943	1.999	2.272	2.432	2.877	3.498	2.762	2.023	1.767	1.795	1.686	1.697	1.910	2.526	1943
1944	2.749	2.390	2.192	2.078	2.233	1.736	1.605	1.495	1.518	1.563	1.556	2.057	1.931	1944
1945	2.296	2.304	2.466	2.546	2.517	2.436	1.637	1.535	1.578	1.680	1.694	2.137	2.067	1945
1946	2.552	2.653	2.769	3.224	3.012	2.956	1.500	1.449	1.455	1.481	1.637	2.853	2.051	1946
1947	3.098	2.812	2.622	3.230	3.827	2.741	2.431	1.783	1.629	1.570	1.586	1.803	2.508	1947
1948	2.496	2.305	2.524	2.483	2.258	1.900	1.569	1.555	1.526	1.500	1.526	1.561	1.939	1948
1949	2.139	2.646	2.410	2.914	2.516	1.939	1.819	1.554	1.534	1.466	1.575	1.754	2.017	1949
1950	2.362	2.607	2.692	2.816	2.322	1.967	1.775	1.594	1.663	1.645	1.884	2.149	2.120	1950
1951	2.788	2.690	3.109	3.781	2.809	1.882	1.944	1.742	1.579	2.067	2.562	2.486	2.451	1951
1952	2.671	2.808	2.477	3.299	2.913	2.650	2.018	1.940	1.748	1.770	1.715	2.164	2.345	1952
1953	2.184	2.092	2.355	3.139	2.632	2.191	1.786	1.553	1.527	1.430	1.432	1.420	1.976	1953
1954	1.653	2.035	2.076	2.909	2.366	2.217	1.875	1.664	1.800	2.333	2.589	2.287	2.149	1954
1955	2.057	2.021	2.214	3.247	2.273	1.799	1.606	1.499	1.478	1.571	2.035	1.732	1.959	1955
1956	2.503	2.574	2.560	2.760	2.562	2.294	1.946	1.878	2.053	2.105	1.847	2.137	2.267	1956
1957	2.742	2.605	2.547	2.078	2.070	1.823	2.386	1.766	1.784	1.935	2.211	2.269	2.184	1957
1958	2.090	2.529	2.620	2.587	1.902	1.862	1.841	1.666	1.803	1.960	1.923	2.552	2.099	1958
1959	2.720	2.618	2.461	2.789	2.385	1.945	1.683	1.646	1.732	1.840	2.180	2.395	2.196	1959
1960	3.250	2.830	2.788	3.366	3.423	2.212	2.378	1.990	1.769	1.740	1.677	1.646	2.422	1960
1961	2.581	2.522	2.203	2.880	2.280	1.986	1.919	1.800	1.798	1.806	1.728	1.965	2.070	1961
1962	2.746	2.696	2.418	2.703	2.460	1.811	1.561	1.584	1.508	1.625	1.675	1.741	2.041	1962
1963	2.030	2.212	2.175	2.635	2.212	1.866	1.574	1.496	1.617	1.608	1.768	1.854	1.918	1963
1964	2.185	2.056	2.152	2.234	2.109	1.917	1.732	1.504	1.448	1.438	1.604	2.029	1.867	1964
1965	2.412	2.350	2.102	2.106	2.390	1.874	1.630	1.706	1.929	2.476	2.324	1.838	2.093	1965
1966	2.200	2.625	2.445	2.477	2.350	2.114	1.889	1.791	1.691	1.776	2.014	2.667	2.167	1966
1967	1.939	2.086	2.052	2.901	2.840	2.593	2.160	1.875	1.866	2.188	2.650	2.289	2.286	1967
1968	2.005	2.121	3.067	2.772	2.020	1.860	1.892	1.739	1.679	1.702	1.600	1.806	2.186	1968
1969	2.767	2.282	2.225	2.601	2.800	2.275	2.007	1.783	1.676	1.782	2.182	2.146	2.210	1969
1970	2.147	2.377	2.226	2.549	2.703	2.557	2.070	1.928	1.753	1.896	1.974	1.968	2.177	1970
1971	2.568	2.894	2.711	2.886	2.753	1.982	1.668	1.645	1.631	1.667	1.805	2.563	2.126	1971
1972	2.188	2.131	2.199	2.772	3.234	2.386	2.388	2.168	2.120	2.024	2.173	2.123	2.343	1972
1973	2.572	2.942	3.045	2.910	2.880	2.543	2.256	2.008	1.850	2.005	1.849	1.941	2.397	1973
1974	2.214	2.598	2.643	3.011	3.724	3.104	2.393	1.989	1.829	1.884	2.008	2.031	2.451	1974
1975	1.820	1.745	2.105	2.596	2.659	2.269	1.798	1.667	1.644	1.730	1.785	1.840	1.972	1975
1976	2.435	2.453	2.552	3.430	2.870	2.309	2.182	1.999	1.888	1.915	1.869	2.155	2.337	1976
1977	---	---	---	2.972	2.344	1.799	1.773	1.681	1.734	2.010	2.056	2.053	---	1977
1978	3.294	3.635	2.905	2.941	2.713	2.075	1.823	1.733	1.668	1.837	1.798	1.851	2.348	1978
1979	2.414	2.599	2.699	3.060	3.338	2.337	2.009	1.820	1.932	2.192	2.391	2.534	2.443	1979
1980	2.375	2.325	2.375	2.860	2.579	2.005	1.935	1.948	1.895	2.303	2.327	2.208	2.261	1980
1981	2.513	2.871	2.665	3.141	2.606	2.500	1.991	1.826	2.099	2.137	2.245	2.014	2.379	1981
1982	2.284	2.493	2.290	2.730	2.376	1.971	1.772	1.661	1.661	1.764	2.028	2.266	2.105	1982
1983	2.165	2.212	2.656	3.192	3.328	2.658	1.851	1.654	1.610	1.698	1.723	2.159	2.241	1983
1984	2.621	2.421	2.196	3.022	2.508	2.392	---	---	---	---	---	---	---	1984
1987	---	---	2.322	2.689	1.921	1.896	1.776	1.621	1.581	1.665	1.868	2.087	---	1987
1988	2.260	2.211	2.520	2.647	2.401	1.818	1.655	1.762	1.844	2.243	---	---	---	1988
1989	---	---	---	2.561	---	---	---	1.681	---	---	---	---	---	1989
1990	---	---	---	---	---	---	---	---	---	---	---	---	---	1990
MOYEN	2.222	2.259	2.246	2.685	2.670	2.171	1.793	1.566	1.510	1.624	1.771	1.925	2.034	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 15.862 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 32 02
LONG 073 43 48

REGULARISE

PRAIRIES (RIVIERE DES) A CARTIERVILLE - STATION NO. 020A002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANN
1916	---	3.64 LE 20 MAI	0.50 LE 12 OCT	19
1917	---	2.88 LE 07 MAI	0.78 LE 27 NOV	19
1918	---	3.10 LE 06 AVR	0.81 LE 30 AOU	19
1919	---	3.74 LE 28 MAI	0.72 LE 08 SEP	19
1920	---	2.52 LE 01 MAI	0.47 LE 20 OCT	19
1921	---	3.10 LE 07 MAI	0.23 LE 21 SEP *	19
1922	---	3.92 LE 21 AVR	0.35 LE 08 DEC	19
1923	---	3.52 LE 10 MAI	0.57 LE 23 OCT	19
1924	---	3.456 LE 19 MAI	0.774 LE 08 SEP	19
1925	---	2.786 LE 31 MAR	0.713 LE 10 SEP	19
1926	---	3.036 LE 20 MAI	0.713 LE 18 OCT	19
1927	---	2.603 LE 23 NOV	1.012 LE 26 SEP	19
1928	---	4.066 LE 14 MAI	0.926 LE 21 JAN	19
1929	---	3.819 LE 10 MAI	0.865 LE 21 OCT	19
1930	---	2.847 LE 05 FEV	1.198 LE 27 OCT	19
1931	---	3.234 LE 29 AVR	0.884 LE 29 JUL	19
1932	---	3.286 LE 16 DEC	1.487 LE 05 JUL	19
1933	---	3.539 LE 23 AVR	0.710 LE 19 SEP	19
1934	---	3.587 LE 14 AVR	1.149 LE 03 SEP	19
1935	---	3.316 LE 17 AVR	1.207 LE 17 DEC	19
1936	---	3.920 LE 20 MAI	1.216 LE 02 SEP	19
1937	---	3.188 LE 09 MAI	1.118 LE 08 SEP	19
1938	---	3.953 LE 26 MAR	1.064 LE 28 DEC	19
1939	---	3.350 LE 13 MAI	1.292 LE 03 OCT	19
1940	---	2.978 LE 05 JUN	1.149 LE 25 OCT	19
1941	---	3.343 LE 26 AVR	1.152 LE 12 AOU	19
1942	---	3.036 LE 28 AVR	1.374 LE 21 OCT	19
1943	---	4.154 LE 14 MAI	1.402 LE 01 DEC	19
1944	---	3.261 LE 17 JAN	1.371 LE 06 SEP	19
1945	---	3.273 LE 03 AVR	1.326 LE 29 NOV	19
1946	---	4.843 LE 24 DEC *	1.211 LE 03 SEP	19
1947	---	4.093 LE 28 MAI	1.210 LE 05 DEC	19
1948	---	3.407 LE 22 MAR	1.207 LE 18 DEC	19
1949	---	3.234 LE 02 AVR	1.420 LE 22 OCT	19
1950	---	3.569 LE 06 AVR	1.527 LE 07 AOU	19
1951	---	4.282 LE 18 AVR	1.545 LE 15 SEP	19
1952	---	3.679 LE 08 AVR	1.630 LE 16 NOV	19
1953	---	3.584 LE 31 MAR	1.387 LE 28 DEC	19
1954	---	3.343 LE 19 AVR	1.402 LE 01 JAN	19
1955	---	3.663 LE 21 AVR	1.347 LE 14 DEC	19
1956	---	3.603 LE 08 AVR	1.463 LE 04 NOV	19
1957	---	2.806 LE 05 JAN	1.585 LE 03 SEP	19
1958	---	2.831 LE 28 FEV	1.594 LE 20 JAN	19
1959	---	4.395 LE 31 DEC	1.615 LE 02 AOU	19
1960	---	4.081 LE 01 JAN	1.167 LE 12 DEC	19
1961	---	2.740 LE 01 FEV	1.652 LE 23 OCT	19
1962	---	2.990 LE 15 AVR	1.365 LE 27 SEP	19
1963	---	3.313 LE 05 AVR	1.374 LE 28 JUL	19
1964	---	2.722 LE 12 MAR	1.179 LE 02 DEC	19
1965	---	2.655 LE 25 OCT	1.475 LE 12 DEC	19
1966	---	3.011 LE 16 DEC	1.472 LE 12 JAN	19
1967	---	3.258 LE 26 AVR	1.755 LE 12 SEP	19
1968	---	3.859 LE 24 MAR	1.420 LE 26 NOV	19
1969	---	3.087 LE 20 AVR	1.646 LE 09 SEP	19
1970	---	3.039 LE 24 AVR	1.673 LE 10 DEC	19
1971	---	3.587 LE 21 AVR	1.213 LE 06 DEC	19
1972	---	3.709 LE 07 MAI	1.847 LE 05 DEC	19
1973	---	3.648A LE 19 MAR	1.350 LE 21 NOV	19
1974	4.124 LE 22 MAI A 02:02 HNE *	4.118 LE 22 MAI	1.512 LE 09 JAN	19
1975	3.539 LE 21 AVR A 20:11 HNE	3.496 LE 21 AVR	1.390A LE 13 DEC	19
1976	---	4.078 LE 05 AVR	1.362 LE 26 NOV	19
1977	---	---	1.225 LE 11 DEC	19
1978	---	3.959 LE 31 JAN	1.536 LE 02 DEC	19
1979	---	3.810 LE 05 MAI	1.256 LE 13 AOU	19
1980	---	3.264 LE 12 AVR	1.771 LE 26 AOU	19
1981	---	3.798 LE 26 FEV	1.650 LE 28 AOU	19
1982	---	3.186 LE 23 AVR	1.547 LE 27 JUL	19
1983	---	3.777 LE 14 MAI	0.707 LE 04 NOV	19
1984	---	---	---	19
1987	3.280 LE 03 AVR A 19:25 HNE	3.230 LE 03 AVR	---	19
1988	---	---	---	19
1989	---	---	---	19
1990	---	---	---	19

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 15.86 m POUR OBTENIR LES COTES GEODESIQUES

A - JAUGE MANUELLE
(VOIR INDEX DE REFERENCE)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) A DUVERNAY EST - STATION NO. 020A020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	8.433	8.213	8.339	8.543	9.064	8.884	8.798	---	1965
1966	9.170	9.185	8.990	9.000	8.880	8.734	8.368	8.467	8.325	8.402	8.635	9.246	8.781	1966
1967	8.905	9.917	9.053	9.403	9.236	9.001	8.703	8.425	8.415	8.696	9.214	8.894	8.901	1967
1968	9.309	9.151	8.908	9.218	8.579	8.483	8.598	8.409	8.373	8.336	8.356	9.157	8.739	1968
1969	9.101	8.923	8.728	9.212	9.259	8.839	8.586	8.549	8.319	8.357	8.764	8.722	8.779	1969
1970	9.338	9.037	8.801	9.010	9.204	8.893	8.930	8.652	8.393	8.480	8.604	8.754	8.833	1970
1971	9.285	9.327	9.099	9.317	9.260	8.974	8.265	8.221	8.230	8.183	8.186	8.518	8.702	1971
1972	8.574	8.607	8.613	9.146	9.622	8.924	8.948	8.811	8.716	8.729	8.987	8.856	8.879	1972
1973	8.863	8.992	9.365	9.477	9.356	9.059	8.879	8.656	8.515	8.614	8.612	8.723	8.925	1973
1974	8.789	8.746	8.924	9.431	10.028	9.464	8.892	8.576	8.415	8.449	8.744	8.807	8.940	1974
1975	8.743	9.077	8.735	9.068	9.073	8.774	8.325	8.132	8.167	8.261	8.378	8.619	8.609	1975
1976	9.052	9.055	9.155	9.919	9.401	8.802	8.711	8.531	8.415	8.468	8.412	8.698	8.884	1976
1977	8.885	8.830	8.981	9.311	8.811	8.292	8.318	8.191	8.248	8.552	8.590	8.770	8.647	1977
1978	9.104	9.326	8.864	9.218	9.104	8.540	8.306	8.226	8.114	8.252	8.331	8.349	8.648	1978
1979	8.568	8.518	8.808	9.374	9.595	8.813	8.500	8.436	8.487	8.734	8.932	9.047	8.819	1979
1980	8.933	8.599	8.760	9.201	8.988	8.457	8.502	8.524	8.466	8.798	8.825	8.746	8.734	1980
1981	8.944	9.140	9.110	9.433	9.029	8.945	8.518	8.379	8.636	8.654	8.775	8.508	8.836	1981
1982	8.570	8.592	8.485	9.111	8.790	8.441	8.319	8.124	8.104	8.218	8.539	8.874	8.513	1982
1983	8.865	8.826	8.880	9.049	9.594	9.051	8.360	8.242	8.115	8.235	8.523	8.633	8.698	1983
1984	8.728	8.731	8.714	9.434	9.005	8.885	8.717	8.521	8.424	8.326	8.650	8.739	8.738	1984
1985	8.952	8.838	8.938	9.187	9.232	8.491	8.417	8.521	8.273	8.290	8.386	8.628	8.678	1985
1986	8.934	9.093	8.757	9.194	8.969	8.763	8.470	8.503	8.506	8.636	8.661	8.717	8.764	1986
1987	8.693	8.790	8.802	9.117	8.375	8.355	8.218	8.012	7.947	8.056	8.286	8.602	8.435	1987
1988	---	---	0.406	---	---	---	---	---	---	0.645	1.145	0.776	---	1988
1989	8.876	8.808	8.575	8.989	8.975	8.893	8.301	8.057	7.996	8.060	8.565	8.959	8.586	1989
1990	8.878	9.001	8.901	9.123	8.902	8.474	8.405	8.145	8.023	8.551	8.713	8.994	8.674	1990
MOYEN	8.919	8.963	8.534	9.248	9.136	8.735	8.507	8.386	8.327	8.159	8.334	8.467	8.743	MOYEN

PLAN DE REFERENCE - GEODESIQUES

LOCATION - LAT 45 39 09
LONG 073 36 03 REGULARISE

PRAIRIES (RIVIERE DES) A DUVERNAY EST - STATION NO. 020A020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---		
1966	---	9.799E LE 16 JAN	8.102 LE 26 JUL	1965
1967	---	10.729 LE 02 FEV *	8.083 LE 26 SEP	1966
1968	---	10.119E LE 20 DEC	8.275 LE 04 SEP	1967
1969	---	9.543 LE 21 MAI	8.175 LE 06 OCT	1968
			8.193 LE 08 SEP	1969
1970	---	9.650 LE 21 JAN		
1971	---	9.906E LE 23 AVR	8.254 LE 09 SEP	1970
1972	---	10.019 LE 07 MAI	8.099 LE 07 SEP	1971
1973	---	10.016 LE 20 MAR	8.339 LE 29 JAN	1972
1974	---	10.317 LE 24 MAI	8.409 LE 14 NOV	1973
			8.284 LE 01 OCT	1974
1975	9.778 LE 21 AVR A 21:18 HNE	9.754 LE 26 AVR	8.059E LE 17 AOU	1975
1976	10.750 LE 03 AVR A 06:41 HNE *	10.680 LE 03 AVR	8.242 LE 09 OCT	1976
1977	9.848 LE 19 MAR A 11:15 HNE	9.644 LE 18 MAR	8.074 LE 18 SEP	1977
1978	---	9.632A LE 08 FEV	8.022 LE 11 SEP	1978
1979	10.013 LE 07 MAI A 01:27 HNE	9.979 LE 04 MAI	8.272 LE 31 JUL	1979
1980	9.667 LE 17 AVR A 13:00 HNE	9.612A LE 16 AVR	8.222 LE 13 SEP	1980
1981	---	10.298 LE 27 FEV	8.206 LE 29 AOU	1981
1982	9.495 LE 22 AVR A 23:25 HNE	9.471 LE 23 AVR	7.992E LE 12 SEP	1982
1983	10.051 LE 12 MAI A 16:20 HNE	10.037 LE 13 MAI	8.018 LE 16 SEP	1983
1984	1.692 LE 19 AVR A 13:31 HNE	9.750 LE 19 AVR	8.246 LE 01 OCT	1984
1985	9.810 LE 01 MAI A 11:25 HNE	9.768 LE 01 MAI	8.170 LE 23 SEP	1985
1986	9.472 LE 01 AVR A 07:30 HNE	9.446 LE 26 MAI	8.353 LE 25 JUL	1986
1987	9.608 LE 03 AVR A 22:00 HNE	9.592 LE 03 AVR	7.833 LE 21 SEP	1987
1988	---	---	---	1988
1989	9.303 LE 31 MAR A 09:05 HNE	9.274 LE 31 MAR	7.755A LE 20 OCT *	1989
1990	9.548 LE 17 MAR A 19:34 HNE	9.462 LE 06 AVR	7.965 LE 14 SEP	1990

PLAN DE REFERENCE - GEODESIQUES

A - JAUGE MANUELLE (VOIR INDEX DE REFERENCE)

E - ESTIMATIVE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) A L'ILE MAHEU - STATION NO. 020A076

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	---	6.50	6.17	5.73	5.66	6.22	7.02	6.67	---	1967
1968	7.81	---	7.53	7.39	6.21	5.90	6.07	5.85	5.86	5.75	5.86	6.42	---	1968
1969	---	6.85	6.64	---	---	6.67	6.35	6.25	5.95	5.75	---	6.47	---	1969
1970	7.36	7.14	6.98	7.21	7.18	6.51	6.36	6.22	---	---	---	6.66	---	1970
1971	---	7.56	7.42	---	---	---	---	5.91	5.78	5.67	5.54	---	---	1971
1972	---	---	---	---	7.93	6.86	---	6.66	---	---	6.79	6.77	---	1972
1973	7.43	---	---	---	7.42	---	6.80	6.41	6.23	6.31	6.17	6.41	---	1973
1974	---	---	7.34	---	---	7.67	6.80	6.32	6.04	---	6.29	6.45	---	1974
1975	6.32	6.99	6.78	7.18	7.11	6.53	5.86	5.64	5.64	---	---	---	---	1975
MOYEN	7.23	7.13	7.11	7.26	7.17	6.66	6.34	6.11	5.88	5.94	6.28	6.55	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 40 51
LONG 073 32 53 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

PRAIRIES (RIVIERE DES) A L'ILE MAHEU - STATION NO. 020A076

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975

PLAN DE REFERENCE - ARBITRAIRE

PRAIRIES (RIVIERE DES) A PONT VIAU - STATION NO. 020A038

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	---	---	---	52.54	---	---	1964
1965	48.17	48.19	48.28	48.35	48.51	---	---	---	---	---	---	---	---	1965
1966	---	48.58	48.38	48.46	48.48	48.51	48.34	48.44	48.43	48.48	48.53	48.31	---	1966
1967	47.18	47.58	---	---	---	---	---	---	---	---	48.04	---	---	1967
1968	---	---	---	---	---	---	---	48.59	48.57	48.60	48.41	47.83	---	1968
1969	---	---	---	---	48.60	48.55	48.52	48.52	48.56	48.58	48.59	48.16	---	1969
1970	48.13	48.57	48.55	48.54	48.60	48.64	48.64	48.58	48.60	48.65	48.61	48.12	48.52	1970
1971	48.64	48.72	48.63	---	48.64	48.57	---	---	48.56	48.56	48.40	47.98	---	1971
1972	48.42	48.51	48.52	48.52	48.62	48.60	48.61	48.53	48.58	48.60	48.61	---	---	1972
1973	48.80	48.98	48.77	48.67	48.64	48.67	48.61	48.62	48.54	48.58	48.00	---	---	1973
1974	---	48.62	48.62	48.59	48.53	---	---	---	---	48.56	47.92	48.05	---	1974
1975	47.80	47.83	48.34	48.49	48.62	48.60	48.57	48.55	48.56	48.56	---	48.14	---	1975
1976	---	48.66	---	---	---	---	---	---	---	48.64	---	---	---	1976
1977	---	---	---	48.64	---	---	---	---	48.56	---	---	48.23	---	1977
1978	48.83	48.94	48.82	48.72	48.51	48.56	48.55	48.57	---	---	---	48.50	---	1978
1979	48.53	48.66	48.65	48.64	48.60	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	---	---	---	---	---	48.62	---	---	---	1980
1981	---	---	---	48.67	---	48.68	---	---	---	---	---	48.64	---	1981
1982	48.60	48.75	---	---	---	---	---	---	---	---	---	---	---	1982
MOYEN	48.31	48.51	48.56	48.57	48.59	48.60	48.55	48.55	48.55	48.58	48.85	48.20	48.52	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -31.55 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 33 31
LONG 073 40 36

BASSIN VERSANT, 146 000 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

PRAIRIES (RIVIERE DES) A PONT VIAU - STATION NO. 020A038

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	48.71 LE 06 OCT *	47.66 LE 11 JAN *	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -31.55 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) A ROXBORO - STATION NO. 02OA019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	1.179	1.564	0.758	0.133	0.525	0.849	---	---	---	---	1965
1966	---	---	1.803	1.729	1.474	1.227	0.592	0.697	0.564	---	---	---	---	1966
1967	1.225	1.707	---	---	---	---	1.191	0.649	0.590	1.010	1.925	1.301	---	1967
1968	2.667	2.813	2.546	2.118	1.019	0.848	0.921	0.638	0.563	0.555	0.549	0.873	1.338	1968
1969	2.303	1.844	1.614	2.026	2.134	1.392	0.924	0.781	0.531	0.615	1.251	0.992	1.364	1969
1970	1.703	2.331	2.031	1.860	2.026	1.477	1.343	1.033	0.928	0.941	1.028	1.218	1.488	1970
1971	2.485	2.685	2.482	2.555	2.090	1.004	0.917	0.411	0.426	0.439	0.493	0.826	1.360	1971
1972	2.047	1.703	1.824	2.239	2.641	1.589	1.545	1.302	1.155	1.209	1.585	1.706	1.713	1972
1973	2.449	2.554	2.728	2.417	2.236	1.795	1.409	1.020	0.834	1.023	0.962	1.154	1.710	1973
1974	1.895	2.326	1.985	2.354	3.253	2.418	1.434	0.864	0.705	0.747	1.088	1.157	1.681	1974
1975	0.952	0.958	1.159	1.766	1.794	1.292	0.556	0.332	0.381	0.552	0.718	1.236	0.974	1975
1976	2.329	2.440	2.654	3.152	2.412	1.406	1.120	0.837	0.694	0.772	0.698	1.621	1.676	1976
1977	2.147	2.068	2.622	2.255	1.486	0.574	0.545	0.372	0.452	0.922	0.984	1.386	1.314	1977
1978	2.871	2.041	2.179	2.239	1.904	0.965	0.570	0.434	0.322	0.659	1.311	1.734	1.510	1978
1979	2.345	2.438	2.541	2.405	2.730	1.434	0.864	0.664	0.775	1.187	1.532	1.767	1.720	1979
1980	1.848	2.099	2.069	2.152	1.724	0.854	0.790	0.734	0.746	1.305	1.376	1.673	1.446	1980
1981	2.741	2.794	2.136	2.499	1.792	1.620	0.911	0.632	1.035	1.095	0.896	1.160	1.634	1981
1982	2.059	2.311	2.063	2.172	1.715	0.807	0.569	0.350	0.340	0.492	0.919	1.374	1.237	1982
1983	1.347	1.570	1.600	1.800	2.651	1.794	0.606	0.410	0.300	0.458	0.771	1.413	1.225	1983
1984	2.576	2.310	1.934	2.489	1.689	1.500	1.155	0.777	0.665	0.521	1.096	1.264	1.494	1984
1985	2.533	2.830	2.527	2.128	2.147	0.885	0.738	0.885	0.564	0.617	0.773	0.855	1.450	1985
1986	2.248	2.509	2.077	2.099	1.715	1.113	0.966	0.676	0.903	1.154	1.203	1.502	1.534	1986
1987	1.675	1.990	1.875	1.944	0.772	0.752	0.535	0.286	0.222	0.328	0.655	1.093	1.004	1987
1988	1.780	1.999	1.492	2.094	1.613	0.628	0.348	0.295	0.642	1.258	2.046	1.496	1.313	1988
1989	2.123	2.134	1.772	1.825	1.734	1.590	0.657	0.329	0.255	---	1.061	2.129	---	1989
1990	2.335	2.423	2.065	---	1.604	---	0.809	0.443	---	1.036	1.293	1.747	---	1990
MOYEN	2.112	2.245	2.070	2.146	1.906	1.248	0.833	0.645	0.618	0.822	1.110	1.365	1.437	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 17.629 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1970)

LOCATION - LAT 45 30 56
LONG 073 48 49

REGULARISE

PRAIRIES (RIVIERE DES) A ROXBORO - STATION NO. 02OA019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965				
1966	---	---	---	
1967	---	2.515 LE 27 AVR	0.034E LE 19 JUL *	1965
1968	---	---	0.177 LE 27 JUL	1966
1969	---	3.128E LE 18 JAN	0.415 LE 28 AOU	1967
	---	2.579E LE 05 JAN	0.354E LE 05 SEP	1968
1970			0.424E LE 15 SEP	1969
1971	---	2.607E LE 10 AVR		
1972	---	3.222E LE 22 AVR	0.665 LE 07 SEP	1970
1973	---	3.271 LE 08 MAI	0.154E LE 07 AOU	1971
1974	---	3.561 LE 19 MAR	0.903 LE 28 SEP	1972
	---	3.798 LE 21 MAI	0.619 LE 22 NOV	1973
1975			0.543 LE 22 AOU	1974
1976	---	3.003 LE 21 AVR		
1977	---	4.204 LE 02 AVR	0.171E LE 16 AOU	1975
1978	---	3.920E LE 17 MAR	0.549 LE 16 NOV	1976
1979	---	3.759 LE 31 JAN	0.257 LE 18 SEP	1977
	---	3.550 LE 04 MAI	0.211 LE 11 SEP	1978
1980			0.385 LE 13 AOU	1979
1981	---	2.900E LE 17 AVR		
1982	---	4.250E LE 22 FEV *	0.400E LE 25 AOU	1980
1983	---	2.787 LE 19 JAN	0.490E LE 04 AOU	1981
1984	---	3.378E LE 13 MAI	0.272 LE 21 AOU	1982
	---	2.939 LE 19 AVR	0.195 LE 11 DEC	1983
1985			0.440E LE 01 OCT	1984
1986	---	3.211 LE 08 FEV		
1987	---	2.803 LE 08 FEV	0.418 LE 23 DEC	1985
1988	---	2.906 LE 29 MAR	0.677 LE 10 SEP	1986
1989	---	2.580 LE 09 AVR	0.103 LE 18 SEP	1987
		---	0.244 LE 03 AOU	1988
1990	---	---	---	1989
			---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 17.62 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1970)

E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) A SAINT-VINCENT DE PAUL - STATION NO. 020A075

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	48.07	---	48.14	48.01	47.83	47.63	47.42	47.33	47.42	47.44	47.76	---	1964
1965	47.89	47.97	47.78	47.98	48.24	47.72	47.52	47.66	47.89	48.38	48.18	48.10	47.94	1965
1966	48.49	48.51	48.34	48.34	48.18	---	47.66	47.73	47.59	47.66	47.90	48.53	---	1966
1967	48.16	49.37	48.53	48.72	48.54	48.27	48.00	47.68	47.67	48.04	48.53	48.20	48.30	1967
1968	48.56	48.43	48.32	48.53	47.83	47.75	47.87	47.66	47.60	47.55	47.89	48.35	48.00	1968
1969	48.26	48.14	48.01	---	48.56	48.09	47.87	47.82	47.57	47.60	48.03	48.07	---	1969
1970	49.39	48.67	48.31	48.43	48.51	48.17	48.12	47.94	---	47.74	47.87	---	---	1970
1971	48.50	48.49	48.31	48.54	48.52	47.82	47.52	47.47	47.45	47.42	47.42	47.71	47.93	1971
1972	47.96	47.97	47.96	48.43	48.90	48.19	48.22	48.10	47.99	48.01	48.25	47.97	48.16	1972
1973	47.89	48.09	---	48.75	48.65	---	48.31	48.05	47.85	47.91	47.91	48.05	---	1973
1974	48.21	48.12	---	48.61	49.31	48.76	48.20	47.86	47.66	47.67	47.94	48.01	---	1974
1975	47.93	48.38	48.07	---	---	---	---	---	47.35	47.57	---	47.81	---	1975
1976	---	48.23	---	49.19	48.68	---	---	47.78	---	47.66	47.62	47.89	---	1976
1977	47.98	47.97	48.29	48.56	48.08	47.55	47.60	47.44	---	---	---	---	---	1977
1978	---	---	48.20	48.44	---	47.79	47.56	47.48	47.36	47.60	---	---	---	1978
1979	---	---	---	---	---	48.10	47.79	47.71	47.76	47.97	48.17	---	---	1979
1980	---	---	---	48.55	48.28	47.73	47.75	47.80	47.65	---	---	---	---	1980
1981	---	48.42	48.44	48.73	---	---	---	---	---	---	48.00	47.71	---	1981
MOYEN	48.27	48.32	48.21	48.53	48.45	47.98	47.84	47.73	47.62	47.75	47.92	48.01	48.07	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -39.03 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 36 43
LONG 073 38 30

BASSIN VERSANT, 146 000 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

PRAIRIES (RIVIERE DES) A SAINT-VINCENT DE PAUL - STATION NO. 020A075

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	48.51 LE 25 OCT	47.25 LE 03 AOU	1965
1966	---	---	---	1966
1967	---	49.99 LE 02 FEV *	47.52 LE 18 SEP	1967
1968	---	49.46 LE 20 DEC	47.40 LE 15 OCT	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	49.26 LE 22 AVR	47.16 LE 08 SEP *	1971
1972	---	49.31 LE 09 MAI	47.75 LE 20 MAR	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -39.03 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) A SAINTE-GENEVIEVE-DE-PIERREFONDS - STATION NO. 020A069

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	1.78	1.46	1.12	0.79	0.75	1.09	1.65	1.23	---	1967
1968	1.31	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	1.24	0.92	0.93	0.73	0.70	1.12	1.09	---	1969
1970	1.05	0.97	0.96	1.48	1.73	1.31	---	---	---	---	---	---	---	1970
1971	1.04	1.11	1.16	1.85	1.79	0.95	0.66	0.67	0.62	0.55	0.53	0.73	0.97	1971
1972	0.84	0.90	0.93	1.67	2.24	1.39	1.41	1.26	1.12	1.13	1.40	1.25	1.29	1972
1973	1.30	1.37	1.94	2.03	1.91	1.54	1.30	1.04	0.92	1.01	0.98	1.10	1.37	1973
1974	1.16	1.12	1.39	2.01	2.75	2.06	1.31	0.95	0.77	0.78	1.08	1.18	1.38	1974
1975	1.12	1.08	1.17	1.61	1.55	1.19	0.73	0.59	0.55	0.62	0.72	0.97	0.99	1975
1976	1.07	1.11	1.45	2.56	1.96	1.22	1.10	0.90	0.78	0.78	0.71	0.91	1.21	1976
1977	1.10	0.95	1.53	1.87	1.25	0.65	0.69	0.61	0.65	0.90	0.95	1.01	1.01	1977
1978	1.36	1.39	1.11	1.80	1.62	0.94	0.69	0.64	0.55	0.72	0.70	0.83	1.03	1978
1979	1.04	1.05	1.49	2.01	2.30	1.26	0.91	0.83	0.88	1.12	1.35	1.46	1.31	1979
MOYEN	1.13	1.11	1.31	1.89	1.90	1.27	0.99	0.84	0.76	0.85	1.02	1.07	1.17	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 28 47
LONG 073 52 28

REGULARISE

PRAIRIES (RIVIERE DES) A SAINTE-GENEVIEVE-DE-PIERREFONDS - STATION NO. 020A069

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	2.69 LE 22 AVR	0.45 LE 07 SEP	1972
1973	---	2.76 LE 08 MAI	0.73 LE 02 JAN	1973
1974	---	2.77 LE 19 MAR	0.85 LE 09 SEP	1974
1975	---	3.24 LE 22 MAI	0.66 LE 25 SEP	1975
1976	---	2.53 LE 21 AVR	0.39 LE 09 SEP *	1976
1977	---	3.36 LE 04 AVR *	0.55 LE 25 NOV	1977
1978	---	2.60 LE 17 MAR	0.51 LE 17 SEP	1978
1979	---	2.28 LE 16 AVR	0.49 LE 10 SEP	1979
		2.84 LE 06 MAI	0.68 LE 30 JUL	

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) AU RAPIDE DU CHEVAL BLANC - STATION NO. 020A004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	47.02	47.39	---	---	1982
1983	---	47.72	47.84	48.03	48.76	48.07	47.18	46.99	46.90	47.05	---	47.68	---	1983
1984	48.20	47.98	47.82	48.58	47.99	47.84	---	---	47.24	47.17R	47.57R	47.70R	---	1984
1985	48.26	48.27	48.22	48.25	48.33	47.36	47.27	47.37	47.11	47.16R	47.29R	47.56R	47.70R	1985
1986	47.96	48.14	47.77	48.26	47.95	47.68	47.33	47.33	47.34	47.56R	47.61R	47.65R	47.71R	1986
1987	---	47.71	47.70	48.16	47.25	47.22	47.03	46.83	46.79	46.91R	47.17R	47.57R	---	1987
1988	47.89	48.06	47.44	48.28	47.92	47.15	46.89	47.04	47.18	47.64	48.25	47.79	47.62	1988
1989	47.98	47.97	47.63	48.02	47.97	47.88	47.17	46.89	46.84	46.93	47.52	48.19	47.58	1989
1990	48.00	48.08	47.94	48.17	47.92	47.44	47.34	47.01	46.89	---	---	---	---	1990
MOYEN	48.05	47.99	47.80	48.22	48.01	47.58	47.17	47.07	47.04	47.18	47.54	47.73	47.65	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -27.62 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 31 06
LONG 073 50 33

BASSIN VERSANT, 146 000 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

PRAIRIES (RIVIERE DES) AU RAPIDE DU CHEVAL BLANC - STATION NO. 020A004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	49.12 LE 01 MAI *	46.97 LE 23 SEP	1985
1986	---	48.61 LE 26 MAI	47.15 LE 11 SEP	1986
1987	---	---	---	1987
1988	---	48.82 LE 14 FEV	46.80 LE 16 JUL	1988
1989	---	48.47 LE 08 AVR	46.69 LE 29 AOU *	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -27.62 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) AUX RAPIDES DU CHEVAL BLANC - STATION NO. 02OA018

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	1.307	1.611	1.034	0.799	0.883	1.107	1.719	1.502	1.360	---	1965
1966	1.662	1.880	1.712	1.743	1.527	1.330	0.931	0.978	0.892	0.984	1.204	1.863	1.389	1966
1967	1.410	1.687	1.421	2.252	2.041	1.682	1.325	0.960	0.925	1.302	1.902	1.469	1.528	1967
1968	2.445	2.519	2.259	2.041	1.180	1.060	1.112	0.924	0.895	0.890	0.918	1.131	1.444	1968
1969	2.435	1.972	1.611	1.984	2.082	1.450	1.130	1.058	0.868	0.909	1.314	1.288	1.506	1969
1970	1.916	2.092	1.729	1.784	2.003	1.553	1.404	1.175	0.946	1.029	1.154	1.448	1.516	1970
1971	2.214	2.734	2.447	2.371	2.084	1.111	0.663	0.509	0.512	0.544	0.790	1.145	1.419	1971
1972	2.184	2.084	2.011	2.131	2.529	1.588	1.509	1.353	1.280	1.332	1.605	1.686	1.774	1972
1973	2.172	2.245	2.464	2.309	2.167	1.764	1.478	1.188	1.075	1.220	1.205	1.333	1.716	1973
1974	1.856	2.059	1.852	2.256	3.094	2.332	1.494	1.105	0.958	1.018	1.328	1.344	1.722	1974
1975	1.312	1.316	1.335	1.848	1.792	1.373	0.875	0.677	0.721	0.855	0.968	1.449	1.209	1975
1976	2.569	2.646	2.641	2.987	2.270	1.439	1.323	1.117	1.004	1.040	1.005	2.060	1.840	1976
1977	2.858	2.652	2.679	2.155	1.474	0.997	0.915	0.809	0.840	1.135	1.196	1.574	1.594	1977
1978	2.573	2.690	2.860	2.104	1.862	1.169	0.927	0.824	0.728	0.961	0.951	1.274	1.487	1978
1979	2.088	2.484	2.376	2.282	2.592	1.457	1.097	0.912	1.044	1.325	1.586	1.785	1.748	1979
1980	1.725	1.814	1.813	2.073	1.691	1.085	1.084	1.092	1.051	1.426	1.474	1.715	1.503	1980
1981	2.638	2.774	1.951	2.361	1.747	1.607	1.123	0.946	1.222	1.257	1.387	1.239	1.679	1981
1982	2.033	2.591	2.124	2.023	1.468	1.063	0.923	0.743	0.737	0.854	1.161	1.472	1.425	1982
1983	1.488	1.536	1.579	1.746	2.522	1.770	0.919	0.806	0.734	0.870	1.126	1.498	1.382	1983
1984	2.254	1.981	1.703	2.378	1.694	1.536	1.308	1.067	1.001	0.919	1.268	1.389	1.539	1984
1985	2.215	2.442	2.159	2.017	2.037	1.114	1.063	1.147	0.909	0.952	1.056	1.364	1.535	1985
1986	1.978	2.177	1.736	2.013	1.695	1.389	1.057	1.072	1.090	1.281	1.304	1.458	1.516	1986
1987	1.566	1.720	1.649	1.905	1.017	0.992	0.822	0.649	0.612	0.729	0.948	1.339	1.158	1987
1988	1.764	1.904	1.300	2.047	1.663	0.964	0.776	0.879	0.993	1.434	2.020	1.580	1.440	1988
1989	1.991	1.985	1.622	1.789	1.732	1.641	1.018	0.764	0.726	0.797	1.298	2.130	1.455	1989
1990	2.082	2.131	1.833	1.897	1.646	1.190	1.138	---	0.781	1.278	1.438	---	---	1990
MOYEN	2.057	2.165	1.915	2.069	1.893	1.369	1.085	0.945	0.910	1.079	1.273	1.496	1.522	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 18.000 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 31 11
LONG 073 50 05 REGULARISE

PRAIRIES (RIVIERE DES) AUX RAPIDES DU CHEVAL BLANC - STATION NO. 02OA018

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE		NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1965	---		---				
1966	---		2.547 LE 28 AVR		0.620 LE 02 AOU		1965
1967	---		2.589 LE 11 MAI		0.754 LE 02 AOU		1966
1968	---		2.851A LE 24 MAR		0.815 LE 04 SEP		1967
1969	2.772 LE 18 JAN A 14:30 HNE		2.748 LE 18 JAN		0.770E LE 02 SEP		1968
					0.776A LE 01 SEP		1969
1970	2.629 LE 19 AVR A 02:30 HNE		2.501 LE 18 AVR		0.834 LE 08 SEP		1970
1971	3.132 LE 22 AVR A 14:30 HNE		3.126 LE 21 AVR		0.382E LE 27 AOU	*	1971
1972	3.181 LE 09 MAI A 12:50 HNE		3.089 LE 09 MAI		1.084 LE 28 SEP		1972
1973	3.318 LE 19 MAR A 17:10 HNE		3.257 LE 20 MAR		0.980 LE 09 SEP		1973
1974	---		3.595A LE 22 MAI		0.846 LE 25 SEP		1974
1975	2.894 LE 21 AVR A 20:58 HNE		2.848 LE 21 AVR		0.532 LE 27 AOU		1975
1976	3.967 LE 04 AVR A 07:40 HNE		3.949 LE 04 AVR		0.831 LE 15 NOV		1976
1977	4.077 LE 16 MAR A 23:50 HNE	*	4.037 LE 17 MAR		0.763A LE 11 AOU		1977
1978	3.543 LE 03 FEV A 07:48 HNE		3.129 LE 03 FEV		0.480 LE 23 SEP		1978
1979	3.196 LE 04 MAI A 14:51 HNE		3.186 LE 04 MAI		0.797A LE 01 AOU		1979
1980	2.772 LE 17 AVR A 12:20 HNE		2.746 LE 17 AVR		0.825 LE 13 SEP		1980
1981	---		4.418A LE 22 FEV	*	0.826 LE 25 AOU		1981
1982	3.028 LE 02 FEV A 22:30 HNE		3.004 LE 02 FEV		0.637 LE 12 SEP		1982
1983	3.231 LE 13 MAI A 13:50 HNE		3.212 LE 13 MAI		0.650 LE 16 SEP		1983
1984	---		---		0.840 LE 01 OCT		1984
1985	2.924 LE 09 FEV A 03:50 HNE		2.871 LE 30 AVR		0.815 LE 22 SEP		1985
1986	2.568 LE 07 FEV A 13:00 HNE		2.531 LE 07 FEV		0.880E LE 25 JUL		1986
1987	2.713 LE 29 MAR A 07:40 HNE		2.668 LE 29 MAR		0.521 LE 20 SEP		1987
1988	2.479 LE 09 AVR A 08:16 HNE		2.466 LE 09 AVR		0.699 LE 16 JUL		1988
1989	2.414 LE 30 DEC A 03:41 HNE		2.390 LE 30 DEC		0.614 LE 17 OCT		1989
1990	2.537 LE 05 FEV A 12:29 HNE		2.467 LE 05 FEV		0.732 LE 19 SEP		1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 18.00 m POUR OBTENIR LES COTES GEODESIQUES

A - JAUGE MANUELLE (VOIR INDEX DE REFERENCE)
E - ESTIMATIVE
* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

QUALLUVIARTUNG (LAC) - STATION NO. 03GD003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1975	---	---	---	---	---	---	---	---	---	28.27	28.25	---	---	1975
1976	---	---	---	---	---	---	28.34	---	---	28.28	28.24	---	---	1976
1977	---	---	---	---	---	---	---	---	28.27	28.25	28.23	---	---	1977
MOYEN	---	---	---	---	---	---	28.34	---	28.27	28.27	28.24	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 59 34 30
LONG 074 36 40

BASSIN VERSANT, 25.9 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

QUALLUVIARTUNG (LAC) - STATION NO. 03GD003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977

PLAN DE REFERENCE - ARBITRAIRE

QUINZE (LAC DES) A ANGLIERS - STATION NO. 02JB017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1987	---	---	---	260.319	261.702	262.696	262.903	262.803	262.624	262.736	262.687	262.438	---	1987
1988	5.884	5.124	4.367	5.362	7.070	7.168	7.038	7.213	7.292	7.333	7.254	7.126	6.524	1988
1989	6.522	5.383	4.442	4.449	6.512	7.271	7.240	7.060	6.705	6.553	6.992	6.837	6.338	1989
1990	6.094	5.345	4.420	4.468	6.831	7.254	7.319	7.229	7.069	7.228	7.309	7.253	6.494	1990
MOYEN	6.167	5.284	4.410	68.649	70.529	71.097	71.125	71.076	70.922	70.963	71.061	70.913	6.452	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 256.032 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 47 33 07
LONG 079 14 06

REMAQUES - CEDEE A WRB-ONT DU DPW-QUE AVR 1987

QUINZE (LAC DES) A ANGLIERS - STATION NO. 02JB017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1987	---	---	---	1987
1988	7.424 LE 04 OCT A 14:00 HNE	7.411 LE 04 OCT	3.681 LE 02 AVR *	1988
1989	7.501 LE 11 JUN A 23:27 HNE	7.496 LE 12 JUN *	4.188 LE 15 AVR	1989
1990	7.510 LE 04 DEC A 00:21 HNE *	7.487 LE 03 DEC	4.111 LE 19 AVR	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 256.03 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

QUINZE (LAC DES) A LA POINTE DU PIN ROUGE - STATION NO. 02JB011

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1987	---	---	---	260.904	261.720	262.697	262.902	262.805	262.632	262.750	262.704	262.461	---	1987
1988	2.880	2.179	1.707	2.612	4.046	4.129	3.992	4.175	4.258	4.312	4.243	4.123	3.559	1988
1989	3.521	2.492	1.802	1.803	3.493	4.242	4.188	4.011	3.661	3.510	3.948	3.803	3.380	1989
1990	3.084	2.395	1.765	1.829	3.812	4.213	4.278	4.187	4.033	4.207	4.287	4.231	3.535	1990
MOYEN	3.162	2.355	1.758	66.787	68.268	68.820	68.840	68.794	68.646	68.695	68.796	68.654	3.491	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 259.080 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 47 34 16 BASSIN VERSANT, 23 400 km²
LONG 079 10 33 REGULARISE

REMAQUES - CEDEE A WRB-ONT DU DPW-QUE AVR 1987

QUINZE (LAC DES) A LA POINTE DU PIN ROUGE - STATION NO. 02JB011

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1987	---	---	---	1987
1988	4.380 LE 04 OCT A 15:40 HNE	4.378 LE 22 OCT	1.501 LE 02 AVR *	1988
1989	4.487 LE 12 JUN A 12:00 HNE *	4.484 LE 12 JUN *	1.647 LE 14 AVR	1989
1990	4.475 LE 04 DEC A 00:08 HNE	4.462 LE 03 DEC	1.590 LE 19 AVR	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 259.08 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

RASCAS (RUISSEAU) AU RESERVOIR MITCHINAMECUS - STATION NO. 02LE016

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	37.22	31.90	28.67	33.05	35.88	37.12	37.28	37.74	38.81	39.25	39.44	39.37	36.34	1963
1964	38.40	37.97	37.75	38.13	40.31	40.36	40.76	41.27	41.79	41.84	41.73	40.75	40.09	1964
1965	38.95	37.67	37.19	36.79	38.80	39.30	39.25	39.93	40.67	41.79	42.76	42.81	39.67	1965
1966	42.41	41.64	40.58	40.38	41.78	42.08	42.59	43.03	42.91	42.82	42.68	41.89	42.07	1966
MOYEN	39.25	37.30	36.05	37.09	39.19	39.72	39.97	40.49	41.05	41.43	41.65	41.21	39.54	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 12 00 BASSIN VERSANT, 932 km²
LONG 075 08 00 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

RASCAS (RUISSEAU) AU RESERVOIR MITCHINAMECUS - STATION NO. 02LE016

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	39.68 LE 02 DEC	28.22 LE 29 MAR *	196
1964	---	41.87 LE 20 OCT	37.58 LE 08 AVR	196
1965	---	42.83 LE 19 NOV	36.54 LE 10 AVR	196
1966	---	43.09 LE 18 AOU *	40.06 LE 11 AVR	196

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

RAYMOND (LAC) - STATION NO. 02LC042

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1980	---	---	---	306.23	305.83	305.65	305.62	305.69	305.73	305.92	---	---	---	1980
1981	---	---	---	306.32	305.95	305.90	305.67	305.60	305.63	---	---	---	---	1981
MOYEN	---	---	---	306.28	305.89	305.77	305.65	305.65	305.68	305.92	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 00 22
LONG 074 09 14 DEBIT NATUREL

RAYMOND (LAC) - STATION NO. 02LC042

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1980	---	---	---	1980
1981	---	---	---	1981

PLAN DE REFERENCE - ARBITRAIRE

RICHELIEU (RIVIERE) A CANTIC - STATION NO. 020J006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1937	---	---	---	---	2.304	1.944	1.397	1.064	0.842	0.719	0.838	0.927	---	1937
1938	0.919	1.227	1.420	1.899	1.614	1.204	0.955	0.913	1.069	1.407	1.429	1.391	1.263	1938
1939	1.245	1.104	1.314	2.117	2.494	1.731	1.240	0.976	0.756	0.695	0.733	0.737	1.262	1939
1940	0.714	0.677	0.712	1.794	2.413	1.908	1.345	0.988	0.755	0.680	0.834	0.931	1.146	1940
1941	1.291	1.150	1.033	1.501	1.364	1.024	0.835	0.689	0.586	0.527	0.658	0.668	0.942	1941
1942	0.835	0.619	1.195	1.940	1.836	1.483	1.202	0.889	0.735	0.785	0.909	0.945	1.131	1942
1943	0.980	0.977	1.415	1.673	2.172	1.816	1.415	1.221	1.066	0.858	1.562	1.109	1.335	1943
1944	0.999	0.938	1.045	1.876	2.116	1.414	1.099	0.822	0.666	0.687	0.757	0.777	1.100	1944
1945	0.839	0.921	1.481	2.165	2.202	1.811	1.382	1.131	0.980	1.741	1.703	1.539	1.494	1945
1946	1.352	1.219	1.633	1.772	1.542	1.415	1.015	0.840	0.696	0.862	1.097	1.185	1.219	1946
1947	1.292	1.485	1.511	2.243	2.365	1.590	2.021	1.459	1.035	0.739	0.694	0.690	1.509	1947
1948	0.667	0.648	0.994	1.920	1.694	1.478	1.141	0.932	0.737	0.594	0.808	1.094	1.059	1948
1949	1.615	1.434	1.395	1.830	1.574	1.101	0.761	0.622	0.640	0.583	0.652	0.860	1.088	1949
1950	1.200	1.312	1.301	1.968	1.754	1.227	0.850	0.724	0.750	0.701	0.754	1.332	1.155	1950
1951	1.229	1.291	1.482	2.349	2.006	1.371	1.150	0.945	0.824	0.712	0.988	1.176	1.293	1951
1952	1.694	1.402	1.306	2.183	1.941	1.830	1.346	0.941	0.805	0.698	0.613	0.816	1.263	1952
1953	0.937	1.234	1.424	2.064	2.214	1.531	1.055	0.826	0.701	0.585	0.507	0.669	1.144	1953
1954	0.719	0.894	1.770	2.151	2.349	1.879	1.414	1.094	1.032	1.370	1.306	1.414	1.452	1954
1955	1.491	1.325	1.645	2.329	2.090	1.473	1.067	0.937	0.925	0.787	1.013	0.863	1.328	1955
1956	0.887	0.856	0.895	1.694	2.221	1.855	1.304	0.968	0.773	0.697	0.666	0.626	1.120	1956
1957	0.835	0.980	1.178	1.324	1.276	1.181	1.094	0.892	0.721	0.624	0.695	0.973	0.981	1957
1958	1.429	1.316	1.227	2.113	2.290	1.715	1.301	1.146	1.011	1.022	1.211	1.098	1.407	1958
1959	1.022	1.195	1.262	2.302	1.887	1.401	1.166	0.903	0.795	0.823	1.174	1.744	1.306	1959
1960	1.560	1.401	1.390	2.365	2.182	1.588	1.232	1.017	0.891	0.867	0.992	0.915	1.366	1960
1961	0.813	0.766	1.281	1.643	1.977	1.668	1.467	1.255	1.129	0.912	0.816	0.879	1.220	1961
1962	0.867	0.872	0.936	2.061	2.021	1.419	1.112	1.173	1.082	1.159	1.334	1.339	1.283	1962
1963	1.182	1.123	1.162	2.381	2.194	1.576	1.173	1.094	1.077	0.846	0.872	0.966	1.304	1963
1964	0.954	1.100	1.416	1.714	1.704	1.391	1.121	0.953	0.896	0.724	0.673	0.723	1.114	1964
1965	0.843	0.904	0.949	1.072	1.245	1.004	0.879	0.884	0.980	1.134	1.231	1.428	1.047	1965
1966	1.324	1.251	1.619	1.940	1.772	1.564	1.171	0.981	0.954	0.893	0.878	0.961	1.275	1966
1967	0.945	1.032	1.000	1.760	1.880	1.657	1.417	1.241	1.141	1.112	1.201	1.304	1.308	1967
1968	1.254	1.200	1.388	2.100	1.841	1.596	1.461	1.272	1.084	0.945	0.995	1.441	1.382	1968
1969	1.389	1.415	1.327	2.293	2.629	2.017	1.552	1.453	1.328	1.121	1.334	1.430	1.607	1969
1970	1.363	1.453	1.401	2.059	2.487	1.737	1.348	1.152	1.039	1.042	1.046	1.101	1.435	1970
1971	1.076	1.109	1.416	2.172	2.815	2.006	1.430	1.303	1.471	1.257	1.031	1.154	1.522	1971
1972	1.221	1.156	1.302	2.030	2.801	2.155	1.895	1.781	1.406	1.102	1.274	1.646	1.649	1972
1973	1.819	1.969	2.190	2.430	2.217	2.236	2.153	1.673	1.366	1.290	1.161	1.491	1.840	1973
1974	1.996	1.835	1.848	2.254	2.461	1.957	1.591	1.410	1.221	1.114	1.107	1.416	1.684	1974
1975	1.348	1.258	1.466	1.947	2.098	1.602	1.266	1.078	1.079	1.391	1.647	1.686	1.490	1975
1976	1.455	1.719	2.296	2.729	2.382	2.003	1.752	1.926	1.738	1.718	1.736	1.485	1.911	1976
1977	1.275	1.170	1.815	2.502	2.065	1.431	1.169	1.090	1.179	1.995	2.069	1.956	1.645	1977
1978	1.920	1.855	1.547	2.446	2.464	1.896	1.510	1.228	0.978	0.902	0.890	0.834	1.536	1978
1979	1.225	1.296	1.988	2.393	2.068	1.739	1.338	1.150	1.284	1.231	1.258	1.380	1.530	1979
1980	1.310	1.050	1.009	1.660	1.600	1.272	1.082	1.118	1.100	1.092	1.110	1.303	1.226	1980
1981	1.190	1.522	1.946	1.691	1.444	1.500	1.290	1.372	1.557	1.888	1.999	1.693	1.591	1981
1982	1.502	1.403	1.436	2.337	2.233	1.654	1.425	1.180	1.052	0.967	1.003	1.062	1.437	1982
1983	1.184	1.340	1.498	2.042	2.827	2.327	1.622	1.412	1.335	1.324	1.357	2.260	1.713	1983
1984	2.033	1.801	1.852	2.133	2.242	2.259	1.782	1.439	1.210	1.087	1.090	1.228	1.673	1984
1985	1.513	1.331	1.166	1.562	1.785	1.494	1.363	1.210	1.022	1.195	1.364	1.401	1.367	1985
1986	1.241	1.348	1.630	2.458	1.828	1.659	1.442	1.493	1.442	1.473	1.349	1.517	1.574	1986
1987	1.329	1.186	---	---	---	1.395	1.317	1.116	1.060	1.223	1.343	1.458	---	1987
1988	1.266	1.243	1.193	1.749	1.788	1.330	1.139	1.049	1.068	0.971	1.122	1.394	1.292	1988
1989	1.159	1.030	1.099	1.955	2.111	1.833	1.488	1.410	---	---	1.655	1.490	---	1989
1990	1.376	---	---	2.503	2.262	1.877	1.619	---	---	1.588	2.035	2.004	---	1990
MOYEN	1.221	1.222	1.396	2.032	2.059	1.652	1.318	1.129	1.021	1.028	1.113	1.222	1.360	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 27.740 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 03 54
LONG 073 19 14

DEBIT NATUREL

RICHELIEU (RIVIERE) A CANTIC - STATION NO. 020J006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1937	---	2.560 LE 22 MAI	0.585 LE 20 OCT	1937
1938	---	2.051 LE 17 AVR	0.820 LE 08 SEP	1938
1939	---	2.838 LE 02 MAI	0.591 LE 17 OCT	1939
1940	---	2.603 LE 06 MAI	0.591 LE 26 OCT	1940
1941	---	1.841 LE 23 AVR	0.424 LE 11 OCT *	1941
1942	---	2.289 LE 28 AVR	0.634 LE 20 SEP	1942
1943	---	2.411 LE 16 MAI	0.780 LE 20 OCT	1943
1944	---	2.353 LE 02 MAI	0.506 LE 19 OCT	1944
1945	---	2.700 LE 10 AVR	0.750 LE 02 JAN	1945
1946	---	2.030 LE 23 MAR	0.628 LE 23 SEP	1946
1947	---	2.795 LE 05 JUN	0.567 LE 23 OCT	1947
1948	---	2.121 LE 08 AVR	0.506 LE 24 OCT	1948
1949	---	1.908 LE 18 AVR	0.506 LE 31 OCT	1949
1950	---	2.152 LE 26 AVR	0.616 LE 03 NOV	1950
1951	---	2.536 LE 22 AVR	0.622 LE 01 NOV	1951
1952	---	2.423 LE 19 AVR	0.567 LE 16 NOV	1952
1953	---	2.402 LE 15 MAI	0.451 LE 08 NOV	1953
1954	---	2.545 LE 29 AVR	0.673 LE 11 FEV	1954
1955	---	2.633 LE 22 AVR	0.692 LE 05 OCT	1955
1956	---	2.374 LE 18 MAI	0.609 LE 10 DEC	1956
1957	---	1.448 LE 31 DEC	0.579 LE 01 NOV	1957
1958	---	2.676 LE 24 AVR	0.911 LE 20 OCT	1958
1959	---	2.517 LE 18 AVR	0.698 LE 01 OCT	1959
1960	---	2.624 LE 26 AVR	0.786 LE 11 OCT	1960
1961	---	2.100 LE 15 MAI	0.734 LE 22 FEV	1961
1962	---	2.347 LE 02 MAI	0.856 LE 18 JAN	1962
1963	---	2.499 LE 24 AVR	0.579 LE 29 OCT	1963
1964	---	1.917 LE 25 AVR	0.661 LE 15 NOV	1964
1965	---	1.451 LE 08 DEC	0.759 LE 01 JAN	1965
1966	---	2.002 LE 24 AVR	0.838 LE 30 OCT	1966
1967	---	2.051 LE 01 MAI	0.890E LE 24 JAN	1967
1968	---	2.347 LE 05 AVR	0.875 LE 21 OCT	1968
1969	---	3.011 LE 25 AVR	1.070 LE 28 OCT	1969
1970	---	2.767 LE 30 AVR	0.926E LE 14 NOV	1970
1971	---	3.014E LE 13 MAI	0.911E LE 22 NOV	1971
1972	---	3.091E LE 11 MAI *	1.003 LE 24 OCT	1972
1973	2.700 LE 07 AVR A 22:00 HNE	2.685 LE 06 AVR	1.073 LE 15 NOV	1973
1974	2.612 LE 15 MAI A 07:18 HNE	2.566 LE 03 MAI	0.948 LE 21 NOV	1974
1975	2.310 LE 01 MAI A 22:50 HNE	2.289 LE 29 AVR	1.000 LE 10 SEP	1975
1976	3.048 LE 05 AVR A 18:58 HNE	3.017 LE 06 AVR	1.353 LE 31 DEC	1976
1977	2.685 LE 28 AVR A 02:07 HNE	2.630E LE 06 AVR	1.018 LE 09 AOU	1977
1978	2.755 LE 29 AVR A 12:09 HNE	2.740 LE 29 AVR	0.774 LE 26 NOV	1978
1979	---	2.475A LE 02 AVR	0.924 LE 01 JAN	1979
1980	1.850 LE 20 AVR A 10:35 HNE	1.810 LE 18 AVR	0.866 LE 13 MAR	1980
1981	2.313 LE 28 FEV A 17:45 HNE	2.284 LE 28 FEV	1.106 LE 31 JAN	1981
1982	2.705 LE 26 AVR A 20:10 HNE	2.657 LE 26 AVR	0.890A LE 31 OCT	1982
1983	3.004 LE 08 MAI A 21:05 HNE *	3.027 LE 09 MAI	1.014 LE 30 OCT	1983
1984	2.517 LE 09 JUN A 13:05 HNE	2.490 LE 09 JUN	1.046 LE 26 OCT	1984
1985	2.087 LE 24 AVR A 10:33 HNE	1.964 LE 30 AVR	0.603 LE 16 MAR	1985
1986	2.798 LE 06 AVR A 21:28 HNE	2.738 LE 06 AVR	1.151 LE 18 JAN	1986
1987	---	2.364 LE 11 AVR	---	1987
1988	2.015 LE 10 MAI A 04:57 HNE	1.959 LE 10 MAI	0.860 LE 22 OCT	1988
1989	2.292 LE 13 MAI A 20:00 HNE	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 27.74 m POUR OBTENIR LES COTES GEODESIQUES

A - JAUGE MANUELLE (VOIR INDEX DE REFERENCE) E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

RICHELIEU (RIVIERE) A LA MARINA DE SAINT-JEAN - STATION NO. 020J016

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	---	---	---	1.163	1.737	1.266	1.044	0.965	0.672	0.451	0.577	0.822	---	1972
1973	0.935	1.050	1.283	1.559	1.333	1.104	1.191	0.815	0.586	0.546	0.453	0.720	0.981	1973
1974	1.158	0.961	1.055	1.385	1.542	1.122	0.831	0.672	0.502	0.420	0.416	0.666	0.894	1974
1975	0.605	0.523	0.701	1.104	1.232	0.814	0.506	0.338	0.351	0.611	0.844	0.877	0.710	1975
1976	0.719	0.861	1.377	1.733	1.459	1.113	0.866	0.975	0.841	0.871	0.924	0.688	1.035	1976
1977	0.581	0.479	0.992	1.560	1.202	0.681	0.412	0.330	0.445	1.068	1.180	1.070	0.835	1977
1978	1.020	0.928	0.769	1.513	1.524	1.024	0.699	0.432	0.260	0.224	0.222	0.113	0.725	1978
1979	0.456	0.550	1.124	1.486	1.198	0.876	0.506	0.358	0.515	0.501	0.547	0.644	0.730	1979
1980	0.518	0.336	0.327	0.870	0.828	0.515	0.286	0.335	0.396	0.389	0.400	0.574	0.481	1980
1981	0.499	0.729	1.151	1.078	0.893	0.710	0.469	0.563	0.616	0.834	1.106	0.862	0.792	1981
1982	0.723	0.601	0.674	1.430	1.326	0.821	0.566	0.367	0.298	0.260	0.318	0.370	0.646	1982
1983	0.406	0.545	0.718	1.149	1.795	1.348	0.728	0.568	0.426	0.350	0.588	1.305	0.829	1983
1984	1.072	0.926	0.959	1.230	1.329	1.300	0.857	0.564	0.402	0.322	0.340	0.461	0.813	1984
1985	0.706	0.547	0.888	1.113	0.956	0.650	0.461	0.299	0.308	0.451	0.598	0.617	0.633	1985
1986	0.471	0.532	0.785	1.496	0.991	0.829	0.595	0.609	0.616	0.661	0.589	0.704	0.740	1986
1987	---	---	0.516	0.899	0.839	0.620	0.483	0.343	0.318	0.467	0.571	---	---	1987
1988	---	0.464	0.463	0.941	0.964	---	---	---	---	---	---	---	---	1988
1989	0.385	0.272	0.354	1.088	1.167	0.929	0.572	0.510	0.517	0.600	0.807	0.661	0.656	1989
1990	0.553	0.773	1.089	1.530	1.292	0.977	0.683	0.714	0.636	0.738	1.124	1.102	0.934	1990
MOYEN	0.675	0.652	0.846	1.301	1.242	0.939	0.653	0.542	0.484	0.542	0.645	0.721	0.777	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 28.301 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

LOCATION - LAT 45 18 03
LONG 073 15 04 DEBIT NATUREL

RICHELIEU (RIVIERE) A LA MARINA DE SAINT-JEAN - STATION NO. 02OJ016

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	1.920 LE 11 MAI	0.311 LE 09 NOV	1972
1973	---	1.697 LE 07 AVR	0.308 LE 30 OCT	1973
1974	---	1.685 LE 15 MAI	0.338 LE 06 NOV	1974
1975	1.432 LE 04 MAI A 14:40 HNE	1.411 LE 29 AVR	0.268A LE 30 AOU	1975
1976	2.002E LE 06 AVR A 00:56 HNE	1.978E LE 06 AVR *	0.594 LE 29 DEC	1976
1977	1.792 LE 03 AVR A 05:20 HNE	1.688 LE 03 AVR	0.268 LE 09 AOU	1977
1978	---	1.758A LE 01 MAI	0.030A LE 27 DEC *	1978
1979	1.649 LE 05 AVR A 17:39 HNE	1.628A LE 03 AVR	0.140A LE 01 JAN	1979
1980	1.036 LE 18 MAI A 18:06 HNE	1.030A LE 20 AVR	0.160A LE 09 MAR	1980
1981	---	1.573A LE 26 FEV	0.335 LE 27 JUL	1981
1982	1.781E LE 26 AVR A 19:08 HNE	1.697A LE 26 AVR	0.188 LE 09 OCT	1982
1983	2.010 LE 07 MAI A 21:59 HNE *	1.940 LE 07 MAI	0.175 LE 04 NOV	1983
1984	1.521 LE 09 JUN A 13:10 HNE	1.502 LE 09 JUN	0.290 LE 02 OCT	1984
1985	1.280 LE 14 AVR A 18:35 HNE	1.183 LE 14 AVR	0.208 LE 31 AOU	1985
1986	1.808 LE 06 AVR A 22:12 HNE	1.738 LE 06 AVR	0.387 LE 19 JAN	1986
1987	1.460 LE 10 AVR A 08:36 HNE	1.445 LE 10 AVR	---	1987
1988	1.232 LE 11 MAI A 12:30 HNE	1.172 LE 10 MAI	---	1988
1989	1.345 LE 08 MAI A 16:26 HNE	1.296 LE 09 MAI	0.227 LE 12 MAR	1989
1990	1.734 LE 15 AVR A 06:59 HNE	1.673 LE 15 AVR	0.449 LE 21 JAN	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 28.30 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

A - JAUGE MANUELLE (VOIR INDEX DE REFERENCE) E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

RICHELIEU (RIVIERE) A SAINT-JEAN - STATION NO. 02OJ001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1914	---	---	---	---	---	---	---	---	---	28.449	28.456	28.509	---	1914
1915	28.533	28.730	29.088	29.089	28.982	28.735	28.638	28.573	28.526	28.480	28.458	28.530	28.697	1915
1916	28.790	29.036	28.999	29.561	29.510	29.301	29.029	28.747	28.583	28.573	28.538	28.738	28.950	1916
1917	28.772	28.799	28.882	29.691	29.455	29.359	29.109	28.849	28.692	28.742	28.957	28.790	29.008	1917
1918	28.686	28.789	29.131	29.783	29.601	29.221	28.942	28.747	28.691	29.212	29.467	29.340	29.135	1918
1919	29.189	28.961	29.115	29.726	29.593	29.254	28.868	28.614	28.575	28.764	29.077	28.992	29.060	1919
1920	28.776	28.710	29.009	29.929	29.802	29.158	28.878	28.686	28.595	28.792	28.730	29.058	29.011	1920
1921	29.004	28.717	29.229	29.583	29.179	28.805	28.648	28.503	28.431	28.371	28.465	28.769	28.809	1921
1922	28.729	28.685	29.145	29.998	29.692	29.334	29.358	28.924	28.712	28.569	28.490	28.505	29.013	1922
1923	28.750	29.045	29.137	29.705	29.608	29.202	28.820	28.522	28.391	28.363	28.517	28.912	28.913	1923
1924	28.948	28.922	28.857	29.420	29.768	29.207	28.784	28.563	28.556	28.622	28.510	28.606	28.897	1924
1925	28.541	28.840	29.336	29.535	29.276	28.942	28.793	28.759	28.652	28.980	29.186	29.132	28.998	1925
1926	28.916	28.862	28.776	29.366	29.790	29.283	28.997	28.745	28.560	28.676	28.914	28.850	28.978	1926
1927	28.742	28.683	28.998	29.102	29.004	28.866	28.642	28.512	28.463	28.495	29.518	29.782	28.901	1927
1928	29.481	29.142	29.032	29.661	29.565	29.335	29.065	28.731	28.561	28.591	28.630	28.672	29.030	1928
1929	28.652	28.623	28.949	29.654	29.828	29.267	28.999	28.669	28.494	28.456	28.519	28.473	28.883	1929
1930	28.873	28.919	29.248	29.527	29.323	29.291	29.025	28.695	28.483	28.361	28.375	28.336	28.871	1930
1931	28.338	28.354	28.476	29.219	29.162	28.920	28.763	28.667	28.537	28.578	28.656	28.615	28.692	1931
1932	28.878	28.940	28.751	29.524	29.462	29.005	28.789	28.702	28.504	28.632	28.812	28.894	28.907	1932
1933	28.800	28.715	28.681	29.716	29.763	29.085	28.670	28.475	28.424	28.330	28.345	28.444	28.787	1933
1934	28.564	28.592	28.808	29.717	29.464	28.948	28.650	28.421	28.333	28.267	28.346	28.490	28.716	1934
1935	28.725	28.728	28.858	29.162	29.372	29.133	29.020	28.794	28.574	28.559	28.523	28.674	28.844	1935
1936	28.670	28.703	29.405	30.036	29.639	29.096	28.899	28.485	28.480	28.600	28.901	28.819	28.961	1936
1937	29.040	28.990	28.890	29.283	29.723	29.430	28.992	28.694	28.525	28.434	28.558	28.614	28.930	1937
1938	28.599	28.832	29.001	29.428	29.183	28.839	28.608	28.554	28.704	28.981	28.794	28.986	28.875	1938
1939	28.835	28.699	28.877	29.556	29.881	29.256	28.843	28.606	28.425	28.400	28.433	28.447	28.856	1939
1940	28.420	28.380	28.412	29.306	29.795	29.407	28.947	28.654	28.470	28.397	28.518	28.620	28.778	1940
1941	28.949	28.752	28.671	29.096	28.964	28.696	28.552	28.408	28.329	28.270	28.390	29.355	28.618	1941
1942	28.505	28.508	28.819	29.437	29.366	29.064	28.837	28.572	28.458	28.519	28.614	28.633	28.779	1942
1943	28.673	28.679	29.037	29.262	29.854	29.379	29.057	28.865	28.747	28.582	28.919	28.864	28.978	1943
1944	28.712	28.651	28.753	29.419	29.620	29.057	28.801	28.558	28.428	28.452	28.520	28.508	28.790	1944
1945	28.688	28.698	29.143	29.605	29.679	29.374	29.026	28.796	28.672	29.316	29.278	29.138	29.120	1945
1946	29.020	28.905	29.258	29.349	29.171	29.094	28.724	28.547	28.435	28.601	28.813	28.917	28.903	1946
1947	28.953	29.103	29.108	29.670	29.817	29.976	29.511	29.025	28.696	28.489	28.451	28.429	29.101	1947
1948	28.382	28.427	28.811	29.511	29.276	29.093	28.809	28.607	28.457	28.364	28.350	28.730	28.752	1948
1949	29.157	29.003	29.030	29.362	29.187	28.798	28.528	28.355	28.380	28.364	28.383	28.512	28.753	1949
1950	28.801	28.850	28.788	29.480	29.330	28.917	28.591	28.459	28.485	28.453	28.512	28.964	28.802	1950
1951	28.865	28.883	29.059	29.803	29.515	29.018	28.827	28.639	28.547	28.469	28.703	28.835	28.930	1951
1952	28.925	28.970	28.926	29.662	29.461	29.355	28.948	28.612	28.487	28.425	28.343	28.555	28.888	1952
1953	28.692	28.934	29.055	29.540	29.634	29.094	28.678	28.492	28.421	28.296	28.277	28.416	28.793	1953
1954	28.426	28.583	29.224	29.590	29.752	29.387	28.985	28.689	28.738	28.960	28.909	28.996	29.022	1954
1955	29.009	28.822	29.157	29.683	29.529	29.040	28.674	28.572	28.562	28.493	28.650	28.623	28.901	1955
1956	28.541	28.554	28.570	29.243	29.657	29.347	28.879	28.592	28.501	28.475	28.418	28.480	28.771	1956
1957	28.550	28.642	28.840	28.988	28.926	28.836	28.724	28.565	28.467	28.464	28.464	28.702	28.674	1957
1958	28.942	28.870	28.878	29.580	29.720	29.230	28.838	28.714	28.619	28.659	28.845	28.690	28.965	1958
1959	28.653	28.788	28.837	29.684	29.364	28.937	28.717	28.508	28.422	28.476	28.794	29.169	28.862	1959
1960	29.028	28.920	28.869	29.743	29.566	29.047	28.733	28.567	28.500	28.524	28.650	28.559	28.891	1960
1961	28.502	28.435	28.854	29.187	29.425	29.147	28.931	28.768	28.660	28.540	28.473	28.532	28.790	1961
1962	28.513	28.492	28.553	29.466	29.487	28.949	28.650	28.731	28.639	28.719	28.878	28.843	28.828	1962
1963	28.690	28.693	28.681	29.705	29.564	29.079	28.725	28.655	28.635	28.487	28.537	28.601	28.837	1963
1964	28.564	28.676	28.961	29.216	29.200	28.900	28.649	28.534	28.497	28.351	28.345	28.381	28.689	1964
1965	28.472	28.518	28.585	28.685	28.815	28.634	28.487	28.483	28.579	28.734	28.819	28.927	28.645	1965
1966	28.862	28.790	29.143	29.336	29.261	29.062	28.733	28.592	28.568	28.580	28.575	29.603	28.842	1966
1967	28.567	28.637	28.640	29.227	29.295	29.127	28.885	28.750	28.671	28.699	28.767	28.835	28.842	1967
1968	28.860	28.785	28.942	29.521	29.277	29.038	28.922	28.760	28.649	28.572	28.604	28.937	28.906	1968
1969	28.943	28.917	28.887	29.684	29.913	29.425	29.016	28.933	28.805	28.724	28.921	28.988	29.097	1969
1970	28.990	29.008	---	---	---	---	---	28.661	28.611	28.659	---	---	---	1970
1971	---	---	---	---	---	---	---	28.858	29.015	28.862	28.700	28.800	---	1971
1972	---	---	---	---	---	29.407	28.938	29.282	28.989	28.747	---	---	---	1972
MOYEN	28.762	28.766	28.930	29.491	29.470	29.573	29.352	29.136	28.846	28.656	28.562	28.575	28.663	28.739	28.878	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

LOCATION - LAT 45 18 48 LONG 073 15 06 BASSIN VERSANT, 22 000 km² DEBIT NATUREL

RICHELIEU (RIVIERE) A SAINT-JEAN - STATION NO. 02OJ001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1914	---	---	28.170 LE 24 OCT	19
1915	---	29.264 LE 22 AVR	28.121 LE 15 OCT	19
1916	---	29.694 LE 26 AVR	28.374 LE 14 OCT	19
1917	---	29.797 LE 10 AVR	28.551 LE 01 OCT	19
1918	---	29.922 LE 08 AVR	28.526 LE 10 SEP	19
1919	---	30.075 LE 20 AVR	28.426 LE 08 SEP	19
1920	---	30.151 LE 23 AVR	28.398 LE 16 SEP	19
1921	---	29.846 LE 31 MAR	28.197 LE 02 NOV	19
1922	---	30.456 LE 17 AVR *	28.374 LE 12 NOV	19
1923	---	29.822 LE 14 AVR	28.221 LE 25 OCT	19
1924	---	29.974 LE 18 MAI	28.273 LE 17 NOV	19
1925	---	29.745E LE 14 AVR	28.444 LE 08 SEP	19
1926	---	29.968 LE 05 MAI	28.459 LE 23 SEP	19
1927	---	29.956 LE 10 DEC	28.020 LE 27 SEP	19
1928	---	29.864 LE 15 AVR	28.313 LE 13 OCT	19
1929	---	30.020 LE 11 MAI	28.282 LE 26 SEP	19
1930	---	29.803 LE 18 AVR	27.975 LE 25 OCT *	19
1931	---	29.499 LE 10 AVR	28.310 LE 01 JAN	19
1932	---	29.800 LE 26 AVR	28.368 LE 28 SEP	19
1933	---	30.200 LE 23 AVR	28.218 LE 07 OCT	19
1934	---	30.047 LE 19 AVR	28.066 LE 13 OCT	19
1935	---	29.532 LE 09 MAI	28.282 LE 12 NOV	19
1936	---	30.233 LE 27 MAR	28.365 LE 20 AOU	19
1937	---	29.931 LE 22 MAI	28.285 LE 20 OCT	19
1938	---	29.627 LE 17 AVR	28.468 LE 24 AOU	19
1939	---	30.160 LE 09 MAI	28.270 LE 17 SEP	19
1940	---	29.953 LE 07 MAI	28.276 LE 15 OCT	19
1941	---	29.404 LE 20 AVR	28.124 LE 23 SEP	19
1942	---	29.739 LE 28 AVR	28.282 LE 20 SEP	19
1943	---	29.837 LE 16 MAI	28.404 LE 24 OCT	19
1944	---	29.803 LE 02 MAI	28.279 LE 02 OCT	19
1945	---	29.864 LE 07 AVR	28.462 LE 17 SEP	19
1946	---	29.742 LE 03 AVR	28.340 LE 30 SEP	19
1947	---	30.169 LE 05 JUN	28.310 LE 04 DEC	19
1948	---	29.834 LE 14 AVR	28.282 LE 25 OCT	19
1949	---	29.441 LE 12 AVR	28.130 LE 04 NOV	19
1950	---	29.745 LE 28 AVR	28.282 LE 03 NOV	19
1951	---	30.020 LE 17 AVR	28.374 LE 06 OCT	19
1952	---	29.867 LE 22 AVR	28.221 LE 12 NOV	19
1953	---	29.776 LE 05 MAI	27.978 LE 07 NOV	19
1954	---	29.867 LE 22 AVR	28.404 LE 05 JAN	19
1955	---	30.020 LE 22 AVR	28.404 LE 04 OCT	19
1956	---	29.758 LE 03 MAI	28.203 LE 18 OCT	19
1957	---	29.239 LE 25 AVR	28.295 LE 20 OCT	19
1958	---	30.123 LE 29 AVR	28.523 LE 11 SEP	19
1959	---	29.864 LE 18 AVR	28.285 LE 02 OCT	19
1960	---	29.992 LE 27 AVR	28.316 LE 25 OCT	19
1961	---	29.535 LE 07 MAI	28.401 LE 10 NOV	19
1962	---	29.812E LE 02 MAI	28.429 LE 28 SEP	19
1963	---	29.892 LE 30 AVR	28.032 LE 29 OCT	19
1964	---	29.404 LE 22 AVR	28.246 LE 18 NOV	19
1965	---	29.072 LE 01 DEC	28.401 LE 04 AOU	19
1966	---	29.505 LE 21 AVR	28.468 LE 15 SEP	19
1967	---	29.505 LE 22 AVR	28.499 LE 30 JAN	19
1968	---	29.758A LE 08 AVR	28.374 LE 12 NOV	19
1969	---	30.145E LE 25 AVR	28.560 LE 05 NOV	19
1970	---	---	28.520 LE 17 OCT	19
1971	---	---	28.493 LE 30 NOV	19
1972	---	---	28.642 LE 29 OCT	19

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

A - JAUGE MANUELLE (VOIR INDEX DE REFERENCE) E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

RICHELIEU (RIVIERE) AMONT ELLUSE ST-OURS - STATION NO. 02OJ018

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1990	---	6.865	---	6.942	---	6.852	6.824	6.806	6.809	6.814	6.858	6.886	---	1990
MOYEN	---	6.865	---	6.942	---	6.852	6.824	6.806	6.809	6.814	6.858	6.886	---	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 45 51 49
LONG 073 08 52 REGULARISE

RICHELIEU (RIVIERE) AMONT ELLUSE ST-OURS - STATION NO. 02OJ018

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1990	7.413 LE 04 AVR A 18:47 HNE *	7.365 LE 05 AVR *	---	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

RICHELIEU (RIVIERE) EN AMONT DU BARRAGE FRYERS - STATION NO. 020J012

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1939	---	---	---	2.106	2.394	1.948	1.550	1.270	1.079	1.034	1.091	1.139	---	1939
1940	1.238	1.222	1.333	1.933	2.282	1.977	1.587	1.309	1.116	1.058	1.198	1.308	1.464	1940
1941	1.799	1.596	1.279	1.617	1.572	1.346	1.173	1.032	0.956	0.900	1.028	1.061	1.278	1941
1942	1.278	1.172	1.517	1.941	1.897	1.630	1.420	1.160	1.039	1.104	1.210	1.374	1.396	1942
1943	1.728	1.565	1.780	1.790	2.149	1.926	1.627	1.462	1.357	1.214	1.502	1.591	1.642	1943
1944	1.680	1.502	1.484	1.869	2.100	1.637	1.402	1.168	1.042	1.057	1.134	1.222	1.441	1944
1945	1.593	1.631	1.893	2.129	2.173	1.930	1.614	1.404	1.297	1.843	1.830	1.844	1.766	1945
1946	1.838	1.731	1.787	1.827	1.726	1.633	1.329	1.141	1.039	1.198	1.450	1.574	1.521	1946
1947	1.785	1.809	1.681	2.107	2.232	2.173	2.009	1.594	1.273	1.081	1.042	1.142	1.676	1947
1948	1.154	1.234	1.555	2.012	1.846	1.678	1.412	1.222	1.069	0.984	1.147	1.346	1.380	1948
1949	1.825	1.788	1.671	1.938	1.761	1.414	1.134	0.981	0.992	0.994	1.023	1.207	1.391	1949
1950	1.509	1.603	1.549	1.997	1.891	1.501	1.204	1.071	1.096	1.062	1.118	1.577	1.430	1950
1951	1.626	1.637	1.725	2.274	2.043	1.602	1.429	1.243	1.139	1.060	1.327	1.496	1.549	1951
1952	1.687	1.664	1.515	2.103	1.978	1.879	1.483	1.160	1.050	1.007	0.957	1.197	1.472	1952
1953	1.419	1.640	1.662	2.062	2.145	1.682	1.286	1.102	1.029	0.931	0.918	1.065	1.410	1953
1954	1.265	1.457	1.847	2.118	2.246	1.948	1.581	1.299	1.332	1.576	1.552	1.660	1.658	1954
1955	1.639	1.721	1.845	2.247	2.082	1.662	1.301	1.179	1.174	1.123	1.328	1.398	1.556	1955
1956	1.403	1.383	1.377	1.843	2.183	1.923	1.481	1.191	1.085	1.066	1.040	1.126	1.425	1956
1957	1.485	1.504	1.531	1.606	1.547	1.443	1.318	1.137	1.046	0.986	1.071	1.311	1.331	1957
1958	1.648	1.526	1.475	2.115	2.200	1.772	1.382	1.245	1.150	1.203	1.409	1.370	1.541	1958
1959	1.483	1.634	1.722	2.145	1.878	1.492	1.254	1.023	0.944	1.024	1.352	1.741	1.473	1959
1960	1.644	1.510	1.420	2.141	2.051	1.602	1.258	1.092	1.034	1.063	1.210	1.168	1.432	1960
1961	1.287	1.300	1.670	1.712	1.928	1.668	1.472	1.229	1.155	1.082	1.052	1.129	1.387	1961
1962	1.260	1.268	1.339	1.953	1.957	1.490	1.176	1.109	1.133	1.259	1.410	1.467	1.410	1962
1963	1.407	1.503	1.487	2.145	2.037	1.575	1.227	1.125	1.112	1.026	1.097	1.353	1.423	1963
1964	1.402	1.553	1.463	1.735	1.718	1.438	1.140	1.000	0.989	0.933	0.918	1.051	1.277	1964
1965	1.268	1.311	1.209	1.283	1.389	1.165	1.004	0.964	1.041	1.235	1.361	1.522	1.229	1965
1966	1.643	1.470	1.690	1.859	1.777	1.552	1.261	1.509	1.735	1.557	1.464	1.184	1.558	1966
1967	1.209	1.371	1.346	1.785	1.829	1.615	1.326	1.174	1.119	1.193	1.319	1.453	1.395	1967
1968	1.629	1.494	1.572	2.015	1.815	1.520	1.350	1.146	1.061	1.029	1.102	1.241	1.440	1968
1969	1.751	1.695	1.561	2.109	2.312	1.905	1.440	1.247	1.156	1.105	1.336	1.480	1.590	1969
1970	1.706	1.726	1.659	2.025	2.186	1.872	1.781	1.804	1.803	1.280	1.151	1.319	1.692	1970
1971	1.416	1.464	1.711	1.984	2.348	1.851	1.488	1.486	1.682	1.583	1.455	1.322	1.650	1971
1972	1.511	1.553	1.577	2.008	2.507	2.034	1.760	1.600	1.350	1.294	1.394	1.683	1.690	1972
1973	1.926	2.000	2.072	2.262	2.071	2.021	1.879	1.526	1.362	1.348	1.284	1.553	1.774	1973
1974	1.928	1.866	1.870	2.121	2.250	1.886	1.549	1.346	---	---	---	---	---	1974
1975	1.527	1.510	1.628	1.982	2.003	1.575	1.178	1.026	1.078	1.363	1.627	1.762	1.521	1975
1976	1.643	1.892	2.159	2.379	2.181	1.859	1.549	1.626	1.569	1.648	1.713	1.669	1.823	1976
1977	---	---	---	2.265	1.973	1.451	1.163	1.080	1.180	1.843	1.965	1.953	---	1977
1978	1.885	1.742	1.554	2.233	2.226	1.813	1.448	1.184	1.046	1.053	1.063	1.013	1.520	1978
1979	---	---	---	2.192	---	---	---	---	---	---	1.346	1.500	---	1979
1980	1.413	1.237	1.205	1.682	1.619	1.304	1.057	1.057	1.077	1.137	1.183	1.399	1.281	1980
1981	1.490	1.673	1.878	1.777	1.628	1.427	1.196	1.216	1.313	1.620	1.827	1.606	1.553	1981
1982	1.513	1.431	1.478	2.000	1.948	1.498	1.244	1.074	0.993	1.027	1.123	1.203	1.377	1982
1983	1.247	1.373	1.452	1.804	2.304	1.950	1.403	1.224	1.131	1.100	1.286	1.908	1.516	1983
1984	1.779	1.632	1.663	1.855	1.943	---	---	---	---	---	---	---	---	1984
1985	1.865	1.589	1.721	1.880	1.741	1.442	1.236	1.089	1.098	1.269	1.430	1.489	1.487	1985
1986	1.423	1.531	1.655	2.203	1.773	1.592	1.365	1.363	1.397	1.481	1.441	1.505	1.560	1986
1987	1.443	1.318	1.375	2.024	1.371	1.388	1.271	1.170	1.144	1.301	1.423	1.523	1.395	1987
1988	1.379	1.373	---	---	---	1.342	1.118	---	1.147	1.060	1.357	---	---	1988
1989	---	1.191	1.249	1.868	1.953	1.687	1.308	1.231	---	1.378	1.601	1.544	---	1989
1990	1.479	1.723	---	---	2.033	1.745	1.437	1.440	1.398	1.540	1.890	1.898	---	1990
MOYEN	1.545	1.537	1.594	1.981	1.984	1.673	1.380	1.237	1.179	1.210	1.311	1.427	1.495	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 25.000 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

LOCATION - LAT 45 23 41
LONG 073 15 22

DEBIT NATUREL

RICHELIEU (RIVIERE) EN AMONT DU BARRAGE FRYERS - STATION NO. 020J012

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1939	---	2.563 LE 30 AVR	0.926 LE 17 OCT	1939
1940	---	2.411 LE 06 MAI	0.981 LE 28 OCT	1940
1941	---	2.079 LE 17 JAN	0.801 LE 29 SEP	1941
1942	---	2.225 LE 28 AVR	0.966 LE 03 SEP	1942
1943	---	2.414 LE 17 MAI	1.070 LE 16 OCT	1943
1944	---	2.234 LE 03 MAI	0.865 LE 29 OCT	1944
1945	---	2.377 LE 05 AVR	1.152 LE 16 SEP	1945
1946	---	2.142 LE 26 JAN	0.969 LE 08 OCT	1946
1947	---	2.523 LE 06 JUN	0.914 LE 31 OCT	1947
1948	---	2.225 LE 08 AVR	0.920 LE 01 NOV	1948
1949	---	2.110 LE 31 JAN	0.871 LE 19 AOU	1949
1950	---	2.216 LE 11 MAI	0.929 LE 03 NOV	1950
1951	---	2.417 LE 19 AVR	0.972 LE 17 OCT	1951
1952	---	2.277 LE 22 AVR	0.887 LE 07 NOV	1952
1953	---	2.267 LE 22 MAI	0.768 LE 07 NOV *	1953
1954	---	2.362 LE 01 MAI	1.134 LE 26 AOU	1954
1955	---	2.502 LE 17 AVR	1.021 LE 05 OCT	1955
1956	---	2.292 LE 12 MAI	0.902 LE 18 NOV	1956
1957	---	1.807 LE 25 AVR	0.914 LE 03 NOV	1957
1958	---	2.947 LE 25 AVR *	1.051 LE 17 SEP	1958
1959	---	2.264 LE 18 AVR	0.832 LE 02 OCT	1959
1960	---	2.328 LE 01 MAI	0.966 LE 25 OCT	1960
1961	---	2.030 LE 16 MAI	0.966 LE 15 DEC	1961
1962	---	2.161 LE 02 MAI	0.999 LE 28 SEP	1962
1963	---	2.292 LE 30 AVR	0.893 LE 29 OCT	1963
1964	---	1.871 LE 23 AVR	0.798 LE 01 DEC	1964
1965	---	1.667E LE 28 DEC	0.890 LE 05 AOU	1965
1966	---	2.316 LE 04 OCT	0.847 LE 21 JUL	1966
1967	---	1.957 LE 22 AVR	1.042 LE 10 SEP	1967
1968	---	2.152 LE 05 AVR	0.865 LE 11 NOV	1968
1969	---	2.453 LE 01 MAI	1.045 LE 13 OCT	1969
1970	---	2.420 LE 01 MAI	0.984 LE 17 OCT	1970
1971	---	2.456 LE 13 MAI	0.981 LE 30 NOV	1971
1972	---	2.731E LE 11 MAI	1.146 LE 09 NOV	1972
1973	---	2.377 LE 06 AVR	1.103 LE 16 NOV	1973
1974	---	2.365 LE 10 MAI	---	1974
1975	---	2.252 LE 20 AVR	0.981 LE 23 AOU	1975
1976	---	2.572 LE 06 AVR	1.414 LE 01 AOU	1976
1977	---	2.390 LE 03 AVR	1.012 LE 11 AOU	1977
1978	---	2.411 LE 29 AVR	0.902E LE 14 OCT	1978
1979	---	---	---	1979
1980	---	1.787 LE 18 AVR	0.996 LE 19 SEP	1980
1981	---	2.129 LE 14 AVR	1.078E LE 29 JUL	1981
1982	---	2.250E LE 26 AVR	0.910 LE 25 SEP	1982
1983	---	2.508 LE 16 MAI	0.992E LE 08 OCT	1983
1984	---	---	---	1984
1985	---	---	1.011 LE 31 AOU	1985
1986	2.445 LE 07 AVR A 01:00 HNE *	---	1.254A LE 08 JAN	1986
1987	2.147 LE 10 AVR A 13:00 HNE	2.143 LE 10 AVR	1.077 LE 04 SEP	1987
1988	---	1.822E LE 15 MAI	---	1988
1989	2.066 LE 08 MAI A 15:57 HNE	2.060 LE 15 MAI	1.122 LE 12 MAR	1989
1990	2.421 LE 15 AVR A 06:18 HNE	2.382 LE 15 AVR	1.306 LE 07 AOU	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 25.00 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

A - JAUGE MANUELLE (VOIR INDEX DE REFERENCE) E - ESTIMATIVE - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

RICHELIEU (RIVIERE) EN AVAL DU BARRAGE FRYERS - STATION NO. 020J013

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1939	---	---	---	1.896	2.117	1.666	1.342	1.118	0.965	0.935	0.976	1.055	---	1939
1940	1.236	1.240	1.368	1.771	2.021	1.744	1.391	1.150	0.980	0.935	1.046	1.166	1.337	1940
1941	1.565	1.434	1.225	1.481	1.381	1.173	1.036	0.921	0.856	0.806	0.910	0.962	1.144	1941
1942	1.266	1.241	1.391	1.720	1.672	1.427	1.252	1.026	0.925	0.984	1.081	1.261	1.271	1942
1943	1.604	1.514	1.703	1.599	1.898	1.691	1.434	1.295	1.205	1.076	1.322	1.417	1.486	1943
1944	1.435	1.355	1.383	1.713	1.871	1.450	1.254	1.064	0.949	0.953	1.012	1.111	1.296	1944
1945	1.604	1.565	1.719	1.876	1.921	1.697	1.423	1.246	1.148	1.604	1.585	1.583	1.581	1945
1946	1.547	1.486	1.612	1.643	1.506	1.427	1.181	1.031	0.959	1.093	1.293	1.401	1.347	1946
1947	1.626	1.622	1.530	1.923	2.024	2.146	1.816	1.457	1.163	1.010	0.970	1.084	1.530	1947
1948	1.252	1.264	1.474	1.792	1.650	1.494	1.263	1.111	0.981	0.909	1.049	1.239	1.287	1948
1949	1.640	1.561	1.475	1.718	1.566	1.259	1.031	0.885	0.911	0.917	0.942	1.106	1.249	1949
1950	1.360	1.413	1.346	1.786	1.676	1.344	1.092	0.975	1.000	0.961	1.021	1.427	1.282	1950
1951	1.447	1.409	1.515	2.009	1.802	1.410	1.259	1.105	1.025	0.963	1.184	1.341	1.372	1951
1952	1.490	1.467	1.408	1.912	1.799	1.722	1.361	1.094	1.002	0.970	0.917	1.119	1.356	1952
1953	1.308	1.460	1.494	1.867	1.930	1.511	1.163	1.005	0.943	0.868	0.859	0.999	1.282	1953
1954	1.225	1.424	1.667	1.902	2.018	1.753	1.420	1.168	1.206	1.411	1.389	1.495	1.506	1954
1955	1.497	1.469	1.667	2.003	1.857	1.475	1.151	1.046	1.052	1.009	1.184	1.271	1.389	1955
1956	1.274	1.249	1.239	1.612	1.909	1.683	1.287	1.041	0.958	0.944	0.918	0.992	1.259	1956
1957	1.343	1.373	1.350	1.396	1.330	1.247	1.159	1.003	0.924	0.859	0.948	1.191	1.174	1957
1958	1.448	1.323	1.309	1.821	1.923	1.571	1.248	1.147	1.055	1.110	1.277	1.293	1.376	1958
1959	1.433	1.530	1.619	1.923	1.690	1.339	1.143	0.950	0.884	0.942	1.228	1.557	1.352	1959
1960	1.485	1.389	1.338	1.920	1.810	1.409	1.136	0.995	0.939	0.964	1.094	1.067	1.295	1960
1961	1.214	1.251	1.550	1.504	1.704	1.476	1.274	1.115	1.055	0.995	0.976	1.044	1.263	1961
1962	1.207	1.218	1.202	1.734	1.744	1.325	1.061	1.086	1.025	1.126	1.249	1.309	1.274	1962
1963	1.252	1.351	1.294	1.929	1.851	1.428	1.103	1.009	1.013	0.940	1.003	1.285	1.287	1963
1964	1.342	1.468	1.326	1.535	1.531	1.288	1.035	0.917	0.903	0.864	0.879	1.008	1.173	1964
1965	1.239	1.268	1.140	1.211	1.298	1.107	0.958	0.925	1.002	1.163	1.282	1.446	1.169	1965
1966	1.580	1.397	1.571	1.774	1.653	1.464	1.119	0.824	0.822	0.850	0.923	1.126	1.254	1966
1967	1.164	1.318	1.288	1.654	1.707	1.520	1.263	1.114	1.066	1.177	1.248	1.369	1.319	1967
1968	1.520	1.430	1.485	1.869	1.687	1.435	1.263	1.073	1.008	0.979	1.057	1.459	1.355	1968
1969	1.624	1.546	1.452	1.967	2.141	1.766	1.350	1.174	1.103	1.059	1.279	1.407	1.488	1969
1970	1.544	1.557	1.520	1.902	2.041	1.486	1.066	0.852	0.810	0.990	1.124	1.308	1.349	1970
1971	1.413	1.503	1.652	1.858	2.194	1.729	1.201	0.973	1.109	1.073	0.971	1.264	1.411	1971
1972	1.404	1.367	1.401	1.851	2.349	1.882	1.653	1.511	1.286	1.106	1.325	1.610	1.563	1972
1973	1.726	1.810	1.949	2.152	1.965	1.919	1.779	1.447	1.299	1.293	1.245	1.456	1.569	1973
1974	1.783	1.745	1.740	1.992	2.119	1.786	1.470	1.298	1.200	1.166	1.231	1.471	1.584	1974
1975	1.463	1.383	1.477	1.798	1.896	1.489	1.142	1.009	1.042	1.316	1.554	1.685	1.438	1975
1976	1.512	1.746	2.046	2.283	2.076	1.765	1.481	1.548	1.496	1.564	1.622	1.577	1.726	1976
1977	----	----	----	2.157	1.877	1.390	1.115	1.045	1.146	1.761	1.854	1.832	----	1977
1978	1.758	1.625	1.446	2.127	2.125	1.713	1.372	1.136	1.006	1.007	1.021	0.967	1.440	1978
1979	1.388	1.491	1.826	2.094	1.857	1.535	1.159	1.041	1.179	1.220	1.311	1.444	1.461	1979
1980	1.402	1.193	1.156	1.613	1.556	1.241	1.046	1.044	1.069	1.131	1.185	1.393	1.253	1980
1981	1.443	1.606	1.820	1.744	1.569	1.379	1.139	1.164	1.263	1.871	1.777	1.554	1.501	1981
1982	1.515	1.431	1.481	1.998	1.946	1.496	1.239	1.058	0.996	1.041	1.092	1.203	1.374	1982
1983	1.245	1.376	1.466	1.826	2.275	1.974	1.413	1.231	1.150	1.100	1.277	1.825	1.514	1983
1984	1.803	1.636	1.681	1.880	1.962	---	---	---	---	---	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	---	---	---	---	1985
1986	1.324	1.363	1.527	2.080	1.691	1.512	1.303	---	---	---	1.369	1.400	---	1986
1987	---	---	---	---	---	---	---	---	---	---	---	1.496	---	1987
1989	---	---	---	---	---	1.597	1.250	1.178	1.191	1.316	1.520	1.470	---	1989
1990	1.388	1.544	---	---	1.918	1.644	1.363	1.382	1.328	1.464	1.789	1.800	---	1990
MOYEN	1.443	1.444	1.496	1.825	1.835	1.541	1.260	1.106	1.055	1.095	1.195	1.333	1.373	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 25.000 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

LOCATION - LAT 45 23 42
LONG 073 15 22

DEBIT NATUREL

RICHELIEU (RIVIERE) EN AVAL DU BARRAGE FRYERS - STATION NO. 02OJ013

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1939	---	2.310 LE 30 AVR	0.810 LE 17 OCT	1939
1940	---	2.124 LE 06 MAI	0.865 LE 18 OCT	1940
1941	---	1.795 LE 17 JAN	0.716E LE 29 SEP	1941
1942	---	1.981 LE 28 AVR	0.862 LE 20 SEP	1942
1943	---	2.133 LE 21 MAR	0.975 LE 16 OCT	1943
1944	---	2.033 LE 03 MAI	0.814 LE 30 NOV	1944
1945	---	2.091 LE 05 AVR	1.030 LE 17 SEP	1945
1946	---	1.917 LE 02 AVR	0.893 LE 30 SEP	1946
1947	---	2.283 LE 06 JUN	0.865 LE 31 OCT	1947
1948	---	1.901 LE 08 AVR	0.841E LE 03 OCT	1948
1949	---	1.832 LE 25 JAN	0.753 LE 14 AOU	1949
1950	---	1.957 LE 06 MAI	0.832 LE 03 NOV	1950
1951	---	2.136 LE 19 AVR	0.890 LE 12 OCT	1951
1952	---	2.085 LE 22 AVR	0.829 LE 17 NOV	1952
1953	---	2.039 LE 22 MAI	0.679 LE 25 OCT	1953
1954	---	2.118 LE 29 AVR	1.030 LE 26 AOU	1954
1955	---	2.222 LE 17 AVR	0.878 LE 09 AOU	1955
1956	---	2.017 LE 12 MAI	0.719 LE 18 NOV	1956
1957	---	1.582 LE 25 AVR	0.795 LE 03 NOV	1957
1958	---	2.149 LE 29 AVR	0.963 LE 17 SEP	1958
1959	---	2.045 LE 29 AVR	0.759 LE 02 OCT	1959
1960	---	2.081 LE 01 MAI	0.902E LE 02 SEP	1960
1961	---	1.886E LE 12 MAR	0.890 LE 22 OCT	1961
1962	---	1.920 LE 02 MAI	0.923 LE 28 SEP	1962
1963	---	2.118 LE 30 AVR	0.801E LE 08 NOV	1963
1964	---	1.792 LE 04 FEV	0.795 LE 01 DEC	1964
1965	---	1.591E LE 28 DEC	0.871 LE 11 AOU	1965
1966	---	1.904E LE 16 JAN	0.698 LE 17 SEP	1966
1967	---	1.813 LE 22 AVR	1.021 LE 25 SEP	1967
1968	---	1.999 LE 05 AVR	0.832 LE 13 NOV	1968
1969	---	2.274 LE 01 MAI	0.984 LE 22 OCT	1969
1970	---	2.258 LE 01 MAI	0.734 LE 14 SEP	1970
1971	---	2.301 LE 16 MAI	0.506 LE 24 NOV	1971
1972	---	2.575E LE 12 MAI *	0.314 LE 07 OCT *	1972
1973	---	2.261 LE 06 AVR	1.076 LE 16 NOV	1973
1974	---	2.252 LE 10 MAI	0.999 LE 22 NOV	1974
1975	---	2.024 LE 29 AVR	0.969 LE 06 AOU	1975
1976	---	2.472 LE 06 AVR	1.365 LE 20 DEC	1976
1977	---	2.292 LE 03 AVR	0.987 LE 11 AOU	1977
1978	---	2.307 LE 29 AVR	0.856E LE 14 OCT	1978
1979	---	2.216 LE 05 AVR	0.990 LE 13 AOU	1979
1980	---	1.710 LE 18 AVR	0.940 LE 16 AOU	1980
1981	---	2.130 LE 14 AVR	1.009 LE 07 AOU	1981
1982	---	2.249 LE 26 AVR	0.930E LE 15 SEP	1982
1983	---	2.416 LE 10 MAI	0.992E LE 08 OCT	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	2.306 LE 06 AVR A 23:43 HNE *	2.244 LE 07 AVR	---	1986
1987	2.019 LE 10 AVR A 11:00 HNE	---	---	1987
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 25.00 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ROBERTSON (LAC) - STATION NO. 04MA006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1970	---	---	---	---	---	---	29.57	---	29.55	29.70	29.75	---	---	1970
1971	---	---	---	---	30.76	---	30.12	30.20	30.25	30.17	30.47	---	---	1971
1972	---	---	---	---	30.60	30.24	30.09	30.05	30.22	30.32	---	---	---	1972
MOYEN	---	---	---	---	30.68	30.24	29.93	30.13	30.01	30.13	30.11	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 39 36
LONG 078 40 46 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ROBERTSON (LAC) - STATION NO. 04MA006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972

PLAN DE REFERENCE - ARBITRAIRE

ROND (LAC) - STATION NO. 02RG016

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1976	---	---	---	---	---	---	---	---	---	---	---	152.25R	---	1976
1977	152.25R	152.23R	152.22R	152.38R	152.40R	152.27R	152.20R	152.20R	152.16R	152.15R	152.12R	152.13R	152.23R	1977
1978	152.15R	152.27R	152.12R	152.21R	152.40R	152.24R	152.18R	152.14R	152.08R	152.08R	152.07R	152.11R	152.17R	1978
1979	152.17R	152.16R	152.26R	152.45R	152.45R	---	152.23R	---	---	---	152.07R	152.09R	---	1979
1980	152.10R	152.08R	152.08R	152.20R	152.17R	152.02R	151.96R	---	152.01R	152.08R	152.11R	152.18R	---	1980
1981	152.18R	152.24R	152.30R	152.41R	152.42R	152.33R	152.34R	152.26R	152.16R	152.14R	152.16R	152.20R	152.27R	1981
1982	152.21R	152.20R	152.17R	152.28R	152.43R	152.29R	152.20R	152.13R	152.10R	152.08R	152.15R	152.22R	152.21R	1982
1983	152.30R	152.13R	152.37R	152.59R	---	152.44R	152.28R	152.10R	152.14R	152.14R	152.14R	152.19R	---	1983
1984	152.17R	152.14R	152.15R	152.28R	152.30R	152.21R	152.19R	152.16R	152.07R	152.03R	152.03R	152.07R	152.15R	1984
1985	---	152.06	152.08	152.16	---	---	---	---	---	---	---	---	---	1985
MOYEN	152.19	152.19	152.20	152.33	152.37	152.26	152.20	152.18	152.10	152.10	152.11	152.16	152.21	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 21 57
LONG 071 34 38

BASSIN VERSANT, 0.26 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1980

ROND (LAC) - STATION NO. 02RG016

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	152.49 LE 25 AVR	152.10 LE 21 NOV	1978
1979	---	155.16 LE 12 FEV *	152.04 LE 28 SEP	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	152.46 LE 19 AVR	152.11 LE 08 OCT	1982
1983	---	152.46 LE 05 MAI	152.05 LE 03 NOV	1983
1984	---	---	---	1984
1985	---	152.38 LE 24 AVR	152.00 LE 31 OCT *	1985
		---	---	

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ROUGE (RIVIERE) EN AVAL DE LA RIVIERE BEVIN - STATION NO. 02LC028

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	---	27.16	27.30	---	28.04	---	1966
1967	27.64	27.65	27.56	28.91	28.73	28.23	28.01	27.40	27.62	---	28.64	28.00	---	1967
1968	27.94	27.90	27.91	---	27.96	27.62	27.52	27.25	27.33	27.36	27.30	27.37	---	1968
1969	27.45	27.54	27.44	---	29.15	27.99	27.49	27.51	27.37	27.34	27.81	27.61	---	1969
1970	---	27.70	27.65	28.41	---	28.03	---	27.45	27.38	---	27.87	27.85	---	1970
1971	---	---	27.78	28.31	29.57	---	---	27.28	---	---	---	27.48	---	1971
1972	---	---	27.65	28.09	---	---	---	---	---	---	---	---	---	1972
MOYEN	27.68	27.70	27.67	28.43	28.85	27.97	27.67	27.38	27.37	27.33	27.91	27.73	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 58 12
LONG 074 38 05

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ROUGE (RIVIERE) EN AVAL DE LA RIVIERE BEVIN - STATION NO. 02LC028

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972

PLAN DE REFERENCE - ARBITRAIRE

SABLES (LAC AUX) - STATION NO. 02PA009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1971	---	---	---	---	---	---	---	---	---	28.66	28.55	28.53	---	1971
1972	28.51	28.49	28.59	28.73	29.20	28.78	28.66	28.59	28.51	28.60	28.73	28.58	28.66	1972
1973	28.50	28.54	28.59	28.92	28.96	28.60	28.46	28.47	28.58	28.55	28.49	28.56	28.60	1973
1974	28.48	28.43	28.43	28.67	28.99	28.66	28.51	28.43	28.38	28.45	---	---	---	1974
1975	28.47	28.42	28.44	28.65	28.83	28.62	28.46	28.37	28.29	28.35	28.48	28.47	28.49	1975
1976	28.39	28.42	28.40	28.90	28.78	28.49	28.55	28.64	28.47	28.54	28.53	28.46	28.55	1976
1977	28.42	28.38	28.45	28.78	28.62	28.46	28.42	28.38	28.39	28.51	28.52	28.49	28.48	1977
1978	28.55	28.49	28.40	28.61	28.76	28.43	28.39	28.38	28.34	28.34	28.37	28.42	28.46	1978
1979	28.45	28.41	28.54	28.82	28.61	28.40	28.34	28.34	28.65	28.48	28.47	28.53	28.50	1979
1980	28.44	28.37	28.37	28.74	28.51	28.44	---	---	28.43	28.58	28.52	28.45	---	1980
1981	28.39	28.54	28.61	28.81	28.65	28.60	28.56	28.45	28.41	28.38	28.49	28.42	28.53	1981
1982	28.39	28.37	28.36	28.68	28.67	28.43	---	---	---	---	---	---	---	1982
MOYEN	28.45	28.44	28.47	28.76	28.78	28.54	28.48	28.45	28.44	28.49	28.51	28.49	28.53	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 52 05
LONG 072 23 20

BASSIN VERSANT, 59 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SABLES (LAC AUX) - STATION NO. 02PA009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	29.46 LE 09 MAI *	28.41 LE 25 SEP	1973
1974	---	29.15 LE 30 AVR	28.40 LE 05 AOU	1974
1975	---	---	---	1975
1976	---	29.06 LE 05 MAI	28.27 LE 11 SEP *	1976
1977	---	29.14 LE 24 AVR	28.36 LE 26 JAN	1977
1978	---	29.07 LE 24 AVR	28.35 LE 10 SEP	1978
1979	---	29.03 LE 30 AVR	28.30 LE 29 SEP	1979
1980	---	28.94 LE 30 AVR	28.32 LE 15 JUL	1980
1981	---	---	---	1981
1982	---	29.07 LE 07 AVR	28.34 LE 15 OCT	1982
		---	---	

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SABLES (LAC DES) AU BARRAGE DES SABLES - STATION NO. 02LC016

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	376.96	376.95	376.77	376.40	376.80	376.86	376.75	376.57	375.97	375.62	375.62	376.16	376.45	1964
1965	376.66	376.44	376.10	376.53	377.09	377.12	377.01	377.04	377.10	377.13	377.12	377.12	376.87	1965
1966	377.11	377.10	376.74	376.34	376.79	377.10	377.00	376.99	376.95	376.65	376.43	376.13	376.77	1966
1967	375.65	375.60	375.55	376.24	376.73	376.86	376.84	376.84	376.83	376.84	376.83	376.83	376.47	1967
1968	376.81	376.69	376.14	376.60	376.84	376.84	376.83	376.73	376.72	376.74	376.80	376.68	376.70	1968
1969	376.69	---	375.84	376.27	376.56	376.78	376.83	376.82	376.67	376.72	376.85	376.80	---	1969
1970	376.82	376.81	376.49	376.19	376.81	376.80	376.80	376.71	376.61	376.75	376.25	375.97	376.58	1970
1971	376.13	376.11	376.04	376.09	376.63	376.74	376.71	376.73	376.79	376.83	376.81	376.85	376.54	1971
1972	376.76	376.67	376.64	376.40	376.75	376.76	376.83	376.77	376.73	376.83	376.79	376.78	376.73	1972
1973	376.56	376.45	376.41	376.46	376.75	376.76	376.80	376.75	376.79	376.82	376.82	376.75	376.68	1973
1974	376.61	376.72	376.57	376.30	376.83	376.99	376.80	376.74	376.73	376.80	376.79	376.78	376.72	1974
1975	376.80	376.79	376.44	376.01	376.86	376.86	376.85	376.80	376.80	376.89	376.84	376.80	376.73	1975
1976	376.66	376.64	376.16	376.57	376.85	376.86	376.84	376.82	376.82	376.84	376.82	376.81	376.72	1976
1977	376.79	376.79	376.37	376.40	376.71	376.87	376.84	376.83	---	376.84	376.84	---	---	1977
1978	376.80	376.67	---	376.07	376.69	376.82	376.78	376.84	376.85	376.84	376.86	376.84	---	1978
1979	376.81	376.70	376.46	376.39	376.79	376.87	376.87	376.83	376.88	376.88	376.89	376.82	376.77	1979
1980	376.78	376.66	376.45	376.61	376.82	376.85	376.85	376.81	376.79	376.83	376.80	376.73	376.75	1980
1981	376.65	376.78	---	---	---	376.91	376.78	376.77	376.84	376.85	376.69	376.55	---	1981
1982	---	376.51	376.39	376.32	376.61	376.83	376.83	376.78	---	376.83	376.82	376.80	---	1982
1983	376.76	376.73	376.48	376.51	376.85	376.80	376.83	376.84	376.80	376.85	376.84	376.75	376.75	1983
1984	376.70	376.69	376.39	376.48	376.86	376.86	376.88	376.89	376.87	376.85R	376.83R	376.74R	376.75R	1984
1985	376.64	376.58	376.46	376.37	376.83	376.87	376.89	376.85	376.84	---	376.84R	376.74R	---	1985
1986	376.71	376.68	376.61	376.76	376.87	376.85	376.85	376.85	376.89	376.88R	376.79R	376.74R	376.79R	1986
1987	376.70	376.68	376.63	376.80	376.91	376.89	376.87	376.87	376.85	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	376.87	376.81	376.77	---	1988
1989	376.78	376.75	376.33	376.37	376.85	376.85	376.85	376.84	376.82	376.84	376.66	376.22	376.68	1989
1990	376.26	376.22	376.16	376.27	376.82	376.89	376.88	376.86	376.82	---	---	---	---	1990
MOYEN	376.66	376.62	376.36	376.39	376.80	376.86	376.84	376.81	376.78	376.78	376.74	376.67	376.69	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 03 09
LONG 074 18 33

BASSIN VERSANT, 39.6 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

SABLES (LAC DES) AU BARRAGE DES SABLES - STATION NO. 02LC016

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	376.97 LE 25 JAN	375.55 LE 05 NOV	1964
1965	---	377.16 LE 09 OCT	375.88 LE 24 MAR	1965
1966	---	377.16 LE 02 JAN	375.96 LE 31 DEC	1966
1967	---	377.13 LE 04 JUL	375.52 LE 26 MAR *	1967
1968	---	376.88 LE 30 AVR	375.94 LE 20 MAR	1968
1969	---	---	---	1969
1970	---	377.20 LE 02 MAI *	375.91 LE 05 DEC	1970
1971	---	376.91 LE 16 DEC	375.94 LE 04 AVR	1971
1972	---	377.05 LE 23 JUN	376.12 LE 13 AVR	1972
1973	---	376.93 LE 01 JUL	376.18 LE 12 AVR	1973
1974	---	377.13 LE 17 JUN	375.98 LE 13 AVR	1974
1975	---	376.94 LE 07 JUN	375.78 LE 14 AVR	1975
1976	---	376.97 LE 19 AVR	375.95 LE 24 MAR	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	377.01 LE 28 NOV	376.16 LE 18 MAR	1979
1980	---	376.98 LE 28 OCT	376.15 LE 29 MAR	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	376.98 LE 04 MAI	376.22 LE 05 AVR	1983
1984	---	376.96 LE 15 AOU	376.10 LE 03 AVR	1984
1985	---	---	---	1985
1986	---	377.00 LE 13 SEP	376.51 LE 07 AVR	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	376.93 LE 05 JUN	376.00 LE 28 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SABLES (RIVIERE AUX) AU RESERVOIR KENOGAMI - STATION NO. 02RH014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	33.65R	31.74R	28.98R	26.60R	31.20R	34.72R	34.75R	34.47R	33.76R	-94.76	-94.41	-95.32	0.19R	1967
1974	---	---	---	---	---	---	---	---	---	34.69	34.90	34.33	---	1974
1975	32.82	31.15	29.20	27.08	31.39	34.74	34.73	34.08	33.91	34.71	34.97	34.79	32.81	1975
1976	33.82	32.16	29.83	29.26	33.10	34.74	34.61	34.87	34.28	33.78	33.70	33.12	33.11	1976
1977	31.85	30.24	29.41	28.22	32.67	34.86	34.62	34.91	34.67	34.84	34.73	34.26	32.88	1977
1978	33.08	31.45	29.12	26.52	31.17	34.88	34.79	34.47	34.12	34.54	34.77	34.34	32.78	1978
1979	33.30	31.56	29.64	29.43	---	34.82	34.39	33.49	---	33.39	34.10	34.58	---	1979
1980	33.58	31.77	29.13	28.71	33.19	34.13	34.90	34.78	34.62	34.88	34.87	34.31	33.25	1980
1981	33.16	31.99	32.92	33.74	34.73	34.81	34.60	33.62	32.29	33.03	34.72	34.36	33.68	1981
1982	33.31	31.66	29.15	---	32.53	34.91	34.67	33.71	33.60	33.65	34.77	34.91	---	1982
1983	34.64	33.14	30.69	28.62	34.16	34.88	34.59	34.18	32.97	32.63	32.99	33.31	33.07	1983
1984	32.41	30.83	29.45	28.65	33.84	---	34.67	34.75	33.81	32.68R	32.62R	33.75R	---	1984
1985	33.24	31.55	29.28	27.10	32.87	34.93	34.98	34.63	33.89	33.84R	33.30R	32.77R	32.71R	1985
1986	31.42	30.18	28.48	29.34	34.59	34.96	34.97	34.76	34.76	34.90R	---	---	---	1986
1987	---	---	---	---	---	---	---	---	---	34.88R	35.01R	34.80R	---	1987
1988	---	31.95	29.31	28.54	32.97	34.66	---	34.80	34.58	34.98	34.95	34.58	---	1988
1989	33.39	31.77	29.44	27.77	32.24	34.89	---	---	33.78	33.39	34.35	34.14	---	1989
1990	33.12	31.67	29.58	28.60	34.42	34.92	34.77	34.12	---	---	---	---	---	1990
MOYEN	33.12	31.55	29.54	28.55	31.00	34.79	34.72	34.38	33.93	26.47	26.27	26.07	29.39	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 129.11 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 21 37
LONG 071 16 37

BASSIN VERSANT, 3 390 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

SABLES (RIVIERE AUX) AU RESERVOIR KENOGAMI - STATION NO. 02RH014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	34.96 LE 10 JUN	-95.79 LE 31 DEC *	1967
1974	---	---	---	1974
1975	---	35.09 LE 28 JUN	26.53 LE 21 AVR	1975
1976	---	35.03 LE 17 AOU	28.44 LE 18 AVR	1976
1977	---	35.07 LE 27 OCT	27.26 LE 19 AVR	1977
1978	---	35.08 LE 26 JUN	25.91 LE 25 AVR	1978
1979	---	---	---	1979
1980	---	35.17 LE 18 AOU	27.25 LE 10 AVR	1980
1981	---	35.07 LE 25 JUN	31.53 LE 20 FEV	1981
1982	---	---	---	1982
1983	---	35.10 LE 19 JUN	27.89 LE 15 AVR	1983
1984	---	---	---	1984
1985	---	35.26 LE 27 JUL *	26.40 LE 18 AVR	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 129.11 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SACACOMIE (LAC) - STATION NO. 020C009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	---	---	---	---	---	---	28.31R	---	1965
1966	28.29R	28.29R	28.30R	28.37R	28.62R	28.82R	28.66R	28.46R	28.30R	28.21R	28.34R	28.51R	28.43R	1966
1967	28.49R	28.48R	28.41R	28.33R	28.74R	28.78R	28.76R	28.54R	28.35R	28.44R	28.53R	28.34R	28.52R	1967
1968	28.26R	28.25R	28.23R	28.59R	28.77R	28.65R	28.51R	28.25R	28.09R	27.99R	27.91R	---	---	1968
1969	---	---	---	---	---	---	28.57	28.41	---	---	---	28.19	---	1969
1970	28.15	28.13	28.10	28.18	---	---	---	28.44	28.20	28.04	28.03	28.09	---	1970
1971	28.00	27.98	28.03	28.06	28.72	28.78	28.57	28.37	28.25	28.16	27.98	---	---	1971
1972	27.85	27.82	27.82	27.86	28.58	---	---	28.72	28.54	---	---	28.35	---	1972
1973	---	---	---	---	---	28.75	28.61	28.43	28.32	28.15	28.07	28.16	---	1973
1974	28.17	28.14	28.15	28.26	28.79	---	28.72	28.48	28.16	28.04	28.02	---	---	1974
1975	---	---	---	---	---	---	---	28.27	---	27.96	---	---	---	1975
1976	---	---	---	28.44	---	---	---	28.56	---	---	---	27.83	---	1976
1977	---	27.74	27.85	---	28.67	28.55	---	28.25	---	---	---	---	---	1977
1978	---	---	28.01	28.10	28.73	28.72	28.60	28.26	27.93	27.87	27.76	27.70	---	1978
1979	27.70	27.67	27.68	28.09	---	28.83	28.62	28.34	28.27	28.25	28.17	28.24	---	1979
1980	28.19	28.05	27.93	28.46	28.85	28.67	28.41	28.26	28.06	28.01	27.98	27.93	28.23	1980
1981	27.87	28.00	28.09	28.49	28.75	28.86	28.70	28.56	28.39	28.21	28.19	28.06	28.35	1981
1982	28.00	27.92	27.88	28.03	28.41	28.36	28.32	28.14	28.07	27.97	27.93	27.94	28.08	1982
1983	27.93	27.96	27.94	28.26	---	28.60	28.26	27.90	27.68	27.63	27.73	27.82	---	1983
1984	27.73	27.70	27.73	28.00	28.38	28.26	28.25	28.21	28.05	27.80R	27.68R	27.68R	27.96R	1984
1985	27.68	27.65	27.65	27.83	28.44	28.42	28.32	28.17	28.11	28.17R	28.20R	28.24R	28.08R	1985
1986	28.28	28.35	28.39	28.59	28.75	28.65	28.45	28.43	28.49	28.49R	28.38R	28.31R	28.46R	1986
1987	28.25	28.20	28.17	28.56	28.46	28.56	28.53	28.34	28.18	28.09R	28.14R	28.24R	28.31R	1987
1988	28.25	28.27	28.26	28.49	28.60	28.49	28.43	28.36	28.27	28.34	28.65	28.43	28.40	1988
1989	28.40	28.39	28.38	28.50	28.65	28.56	28.45	28.25	28.11	28.13	28.58	28.54	28.41	1989
1990	28.48	28.44	28.44	28.61	28.67	28.58	28.46	28.37	28.21	---	---	---	---	1990
MOYEN	28.10	28.07	28.07	28.29	28.64	28.63	28.51	28.35	28.19	28.10	28.12	28.15	28.29	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 243.84 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 30 46
LONG 073 12 46

BASSIN VERSANT, 52.8 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

SACACOMIE (LAC) - STATION NO. 020C009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1965	---	---		---		1965
1966	---	28.87	LE 12 JUN	28.15	LE 01 NOV	1966
1967	---	28.87	LE 22 MAI	28.27	LE 13 AVR	1967
1968	---	---		---		1968
1969	---	---		---		1969
1970	---	---		---		1970
1971	---	---		---		1971
1972	---	---		---		1972
1973	---	---		---		1973
1974	---	---		---		1974
1975	---	---		---		1975
1976	---	---		---		1976
1977	---	---		---		1977
1978	---	---		---		1978
1979	---	---		---		1979
1980	---	28.94	LE 02 MAI	27.90	LE 28 DEC	1980
1981	---	28.99	LE 27 JUN *	27.85	LE 29 JAN	1981
1982	---	28.47	LE 11 MAI	27.87	LE 27 FEV	1982
1983	---	---		---		1983
1984	---	28.46	LE 10 MAI	27.65	LE 27 NOV	1984
1985	---	28.49	LE 18 MAI	27.63	LE 26 MAR *	1985
1986	---	28.94	LE 25 MAI	28.24	LE 02 JAN	1986
1987	---	28.62	LE 09 AVR	28.06	LE 20 OCT	1987
1988	---	28.76	LE 11 NOV	28.23	LE 12 FEV	1988
1989	---	28.77	LE 09 MAI	28.03	LE 12 OCT	1989
1990	---	---		---		1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 243.84 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAGUENAY (RIVIERE) A LA CENTRALE DE LA CHUTE A CARON - STATION NO. 02RH017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	67.17	67.25	67.24	67.22	67.20	67.18	67.23	67.23	67.23	67.21	67.24	67.21	67.22	1983
1984	67.26	67.19	67.25	67.26	67.24	67.25	67.24	67.25	67.26	67.27	67.22	67.23	67.24	1984
1985	67.25	67.26	67.26	67.26	67.26	67.25	67.24	67.24	67.25	67.26	67.21	67.22	67.25	1985
1986	67.24	67.24	67.26	67.24	67.20	67.24	67.26	67.25	67.20	66.97	67.23	67.16	67.21	1986
1987	67.24	67.23	67.24	67.24	67.25	67.26	67.26	67.25	67.23	67.24	67.25	67.16	67.24	1987
1988	67.25	67.25	67.26	67.26	67.26	67.25	67.25	67.24	67.22	67.00	67.25	67.25	67.23	1988
MOYEN	67.24	67.24	67.25	67.25	67.24	67.24	67.25	67.24	67.23	67.16	67.23	67.21	67.23	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 27 02
LONG 071 15 15

BASSIN VERSANT, 73 800 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAGUENAY (RIVIERE) A LA CENTRALE DE LA CHUTE A CARON - STATION NO. 02RH017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	67.31 LE 15 JUN	66.49 LE 06 JAN	1983
1984	---	67.30 LE 16 MAI	66.45 LE 26 FEV	1984
1985	---	67.30 LE 14 MAI	66.59 LE 30 NOV	1985
1986	---	67.29 LE 30 MAR	66.48 LE 09 OCT	1986
1987	---	67.32 LE 25 JUL *	66.53 LE 08 DEC	1987
1988	---	67.32 LE 25 NOV	66.04 LE 24 OCT *	1988

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAGUENAY (RIVIERE) A LA CENTRALE DE SHIPSHAW - STATION NO. 02RH019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	66.87	66.84	66.89	66.99	66.90	66.75	66.85	66.89	66.89	---	1977
1978	66.83	66.85	66.96	67.06	66.90	66.91	66.90	66.94	66.89	66.96	66.92	66.91	66.92	1978
1979	66.96	66.97	67.00	66.93	66.93	67.20	67.22	67.22	67.17	67.01	67.06	67.13	67.07	1979
1980	67.06	67.10	67.13	67.09	67.03	67.13	67.13	67.09	67.12	67.08	67.14	67.10	67.10	1980
1981	67.03	67.03	67.10	66.98	66.95	66.91	66.99	67.06	67.09	67.08	67.12	67.16	67.04	1981
1982	67.12	66.98	67.09	67.12	66.91	67.01	67.06	67.05	67.05	67.09	67.12	67.10	67.06	1982
1983	67.07	67.12	67.11	67.01	66.93	66.92	67.11	67.12	67.17	67.10	67.14	67.12	67.08	1983
1984	67.15	67.10	67.14	67.08	66.99	67.08	67.07	67.14	67.11	67.12	67.10	67.12	67.10	1984
1985	67.11	67.10	67.10	67.11	66.97	67.01	67.04	67.11	67.13	67.14	67.09	67.12	67.09	1985
1986	67.13	67.13	67.13	67.02	66.91	67.02	67.11	67.13	67.01	66.77	67.08	67.02	67.04	1986
1987	67.10	67.09	67.09	66.98	67.08	67.11	67.09	67.12	67.10	67.11	67.11	67.05	67.09	1987
1988	67.15	67.14	67.15	67.04	67.05	67.08	67.08	67.10	67.04	66.83	67.11	67.10	67.07	1988
MOYEN	67.06	67.06	67.09	67.02	66.96	67.02	67.07	67.08	67.05	67.01	67.07	67.07	67.06	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 26 25
LONG 071 12 56

BASSIN VERSANT, 73 800 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAGUENAY (RIVIERE) A LA CENTRALE DE SHIPSHAW - STATION NO. 02RH019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	67.18 LE 13 AVR	66.30 LE 09 DEC	1979
		67.33 LE 22 JUL *	66.52 LE 06 JAN	
1980	---	67.24 LE 02 AVR	66.85 LE 29 JAN	1980
1981	---	67.31 LE 25 DEC	66.30 LE 21 FEV	1981
1982	---	67.23 LE 01 JAN	66.32 LE 20 FEV	1982
1983	---	67.32 LE 29 JAN	66.38 LE 08 JAN	1983
1984	---	67.22 LE 23 FEV	66.27 LE 26 FEV	1984
1985	---	67.31 LE 30 AVR	66.44 LE 30 NOV	1985
1986	---	67.18 LE 02 JAN	66.22 LE 08 OCT	1986
1987	---	67.21 LE 25 DEC	66.38 LE 08 DEC	1987
1988	---	67.24 LE 14 DEC	65.77 LE 26 OCT *	1988

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAGUENAY (RIVIERE) EN AVAL DE LA CENTRALE DE SHIPSHAW - STATION NO. 02RH020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	3.55	5.25	3.84	3.25	3.48	3.63	3.29	3.27	3.20	---	1977
1978	3.36	3.39	3.44	3.01	4.30	4.54	3.62	3.33	3.20	3.25	3.07	2.74	3.41	1978
1979	2.82	2.78	2.71	3.47	4.88	4.71	3.39	3.73	3.73	4.08	3.51	3.47	3.61	1979
1980	3.40	3.37	3.32	3.62	3.87	3.20	3.42	3.88	3.27	4.49	3.37	3.20	3.54	1980
1981	3.34	3.29	3.23	4.08	4.95	4.65	3.59	3.34	3.11	3.15	2.73	2.91	3.57	1981
1982	2.86	2.88	2.99	3.07	4.66	3.98	3.48	3.17	3.14	3.26	3.41	3.32	3.35	1982
1983	3.30	3.24	3.38	3.80	5.95	4.88	3.32	3.22	3.16	3.78	3.62	3.21	3.74	1983
1984	3.10	3.18	3.32	3.77	5.16	4.08	3.86	3.33	3.34	3.25	3.01	3.06	3.54	1984
1985	3.12	3.12	3.20	3.10	4.20	4.20	3.96	3.37	3.18	3.06	3.00	2.96	3.37	1985
1986	3.02	3.03	3.05	3.79	4.53	3.46	3.19	3.10	3.54	3.67	3.11	3.02	3.38	1986
1987	3.11	3.07	3.11	3.76	3.32	3.17	3.19	3.11	3.07	3.07	3.28	3.04	3.18	1987
1988	2.97	3.03	3.03	3.77	3.53	3.36	3.38	3.25	3.62	3.75	3.64	3.15	3.37	1988
MOYEN	3.13	3.13	3.18	3.57	4.54	4.01	3.47	3.36	3.33	3.51	3.25	3.11	3.46	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 26 52
LONG 071 12 56

BASSIN VERSANT, 73 800 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAGUENAY (RIVIERE) EN AVAL DE LA CENTRALE DE SHIPSHAW - STATION NO. 02RH020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	7.22 LE 15 JUN *	2.44 LE 26 DEC	1978
1979	---	5.83 LE 14 JUN	2.39 LE 05 MAR	1979
1980	---	5.34 LE 18 AOU	2.93 LE 24 JUN	1980
1981	---	6.62 LE 20 MAI	2.08 LE 30 NOV *	1981
1982	---	6.59 LE 20 MAI	2.58 LE 01 JAN	1982
1983	---	6.51 LE 09 MAI	2.75 LE 30 DEC	1983
1984	---	6.44 LE 30 MAI	2.77 LE 26 NOV	1984
1985	---	5.75 LE 27 JUL	2.78 LE 01 JAN	1985
1986	---	5.89 LE 06 MAI	2.79 LE 08 JAN	1986
1987	---	4.07 LE 09 AVR	2.81 LE 24 JUN	1987
1988	---	4.32 LE 12 NOV	2.75 LE 16 JAN	1988

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAGUENAY (RIVIERE) EN AVAL DE LA CHUTE A CARON - STATION NO. 02RH018

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	18.05	19.95	18.03	17.31	18.06	18.12	17.63	17.59	17.57	---	1977
1978	17.86	17.89	17.36	17.20	19.29	19.70	18.11	18.14	17.37	18.40	17.63	17.17	18.01	1978
1979	17.26	17.31	17.42	18.66	18.83	17.20	17.10	17.11	17.16	17.65	17.68	18.14	17.63	1979
1980	17.78	17.73	17.89	18.00	18.21	17.60	17.92	17.79	17.73	18.36	18.32	17.44	17.90	1980
1981	17.42	17.34	19.06	19.32	19.97	19.77	18.07	17.61	17.18	17.20	17.16	17.12	18.11	1981
1982	17.09	17.07	17.08	17.11	20.12	20.17	19.63	17.08	17.53	18.21	18.64	17.97	18.15	1982
1983	17.75	17.69	17.99	18.96	20.68	19.96	17.30	17.70	17.78	19.55	18.30	17.35	18.42	1983
1984	17.95	18.64	18.74	18.78	20.32	19.69	18.90	18.50	17.54	17.60	17.59	17.87	18.51	1984
1985	17.49	17.44	17.45	17.63	20.07	20.25	19.43	18.95	18.43	17.70	17.64	17.45	18.33	1985
1986	17.48	17.49	17.52	18.96	20.09	17.94	17.37	17.81	18.66	19.39	17.76	17.41	18.15	1986
1987	17.39	17.36	17.53	18.61	17.42	17.37	17.42	17.48	17.40	17.45	18.03	17.53	17.58	1987
1988	17.42	17.46	17.34	18.83	17.78	17.57	17.86	17.80	18.87	19.72	19.25	17.43	18.11	1988
MOYEN	17.54	17.58	17.76	18.34	19.39	18.76	18.03	17.84	17.81	18.24	17.97	17.54	18.08	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 27 02
LONG 071 15 15

BASSIN VERSANT, 73 800 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAGUENAY (RIVIERE) EN AVAL DE LA CHUTE A CARON - STATION NO. 02RH018

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	20.07 LE 25 MAI	17.11 LE 01 JAN	1978
1979	---	20.25 LE 05 MAI	16.90 LE 03 JUL *	1979
1980	---	19.73 LE 17 NOV	16.93 LE 10 SEP	1980
1981	---	21.12 LE 20 MAI	17.11 LE 01 JAN	1981
1982	---	20.50 LE 20 MAI	17.04 LE 03 AOU	1982
1983	---	21.43 LE 02 JUN *	17.14 LE 12 JUL	1983
1984	---	20.89 LE 26 MAI	17.17 LE 13 JAN	1984
1985	---	20.46 LE 09 MAI	17.40 LE 09 MAR	1985
1986	---	20.58 LE 06 MAI	17.30 LE 03 JUN	1986
1987	---	20.04 LE 12 AVR	17.30 LE 13 JAN	1987
1988	---	20.56 LE 25 OCT	17.20 LE 20 MAR	1988

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-CHARLES (RIVIERE) AU BARRAGE DE CHATEAU D'EAU - STATION NO. 02PD008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1953	1.33	1.49	2.66	3.94	1.85	---	---	---	---	---	---	---	---	1953
1954	0.67	0.88	1.21	3.75	2.82	2.13	1.44	1.38	2.15	---	---	---	---	1954
1955	---	---	---	3.74	---	---	---	---	---	0.27	---	---	---	1955
1956	---	---	0.34	1.64	2.81	1.71	1.23	0.76	---	---	---	---	---	1956
1957	---	0.63	0.90	---	1.39	2.29	2.45	---	---	1.44	---	2.45	---	1957
1958	---	---	---	3.21	---	2.05	---	---	1.89	---	---	0.86	---	1958
1959	0.86	0.60	0.46	3.58	2.11	1.32	---	---	---	---	2.45	---	---	1959
1960	0.37	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	2.71	3.67	---	---	---	---	---	---	0.52	---	1961
1962	0.50	0.39	---	2.93	1.74	0.99	---	---	---	---	---	0.19	---	1962
1963	---	---	0.31	2.34	2.84	---	---	---	---	0.68	---	0.89	---	1963
1964	---	0.25	0.71	---	1.90	1.33	---	---	---	0.94	1.69	---	---	1964
1965	---	0.74	1.07	3.05	2.38	1.06	---	---	---	---	0.86	---	---	1965
1968	1.31	0.96	0.97	4.30	1.02	0.42	0.30	---	---	1.27	2.30	---	---	1968
1969	---	---	---	2.54	4.16	0.80	0.80	---	0.50	0.34	---	0.23	---	1969
1970	---	---	---	2.20	2.50	0.78	0.97	---	1.13	0.74	1.55	---	---	1970
1971	---	---	---	---	3.25	---	---	---	2.09	1.63	1.59	---	---	1971
1972	---	---	---	---	4.45	---	---	---	---	1.67	---	---	---	1972
1973	1.82	2.39	2.39	3.75	3.38	1.27	1.83	1.93	1.84	---	---	1.38	---	1973
MOYEN	0.98	0.93	1.10	3.12	2.64	1.35	1.29	1.36	1.60	1.78	0.87	2.11	2.11	MOYEN
										1.08	1.62	1.08		

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 51 37
LONG 071 21 57

BASSIN VERSANT, 339 km²
REGULARISE

DONNEES FOURNIES PAR -
VILLE DE QUEBEC

SAINT-CHARLES (RIVIERE) AU BARRAGE DE CHATEAU D'EAU - STATION NO. 02PD008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
		6.55 LE 24 AVR *	0.30 LE 20 JUL *	

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-CHARLES (RIVIERE) AU RESERVOIR SAINT-CHARLES - STATION NO. 02PD007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	2.48	2.46	2.21	1.88	2.45	2.50	2.52	2.52	2.53	2.49	2.46	2.47	2.41	1965
1966	2.49	2.50	2.25	2.02	2.41	2.45	2.50	2.49	2.50	2.49	2.48	2.44	2.42	1966
1967	2.45	2.39	2.05	1.60	2.28	2.50	2.51	2.51	2.51	2.50	2.41	2.52	2.35	1967
1968	2.51	2.48	2.29	2.18	2.42	2.49	2.50	2.50	2.48	2.48	2.48	2.51	2.44	1968
1969	2.50	2.43	2.01	1.74	2.33	2.49	2.48	2.49	2.41	2.49	2.45	2.47	2.36	1969
1970	2.51	2.51	2.23	1.76	2.28	2.48	2.22	2.29	2.48	2.51	2.42	2.47	2.35	1970
1971	2.44	2.26	1.95	1.71	2.23	2.42	2.47	2.48	2.48	2.47	2.38	2.51	2.32	1971
1972	---	---	---	1.51	2.44	---	---	---	---	---	---	---	---	1972
MOYEN	2.48	2.43	2.14	1.80	2.36	2.48	2.46	2.47	2.48	2.49	2.44	2.48	2.38	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 54 39
LONG 071 22 20

BASSIN VERSANT, 166 km²
REGULARISE

DONNEES FOURNIES PAR -
VILLE DE QUEBEC

SAINT-CHARLES (RIVIERE) AU RESERVOIR SAINT-CHARLES - STATION NO. 02PD007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	2.58 LE 09 JAN	1.60 LE 04 AVR	1965
1966	---	2.70 LE 21 MAI	1.78 LE 07 AVR	1966
1967	---	2.71 LE 12 OCT	1.51 LE 26 AVR	1967
1968	---	3.20 LE 26 AVR *	1.63 LE 08 AVR	1968
1969	---	3.11 LE 10 MAI	1.46 LE 26 AVR	1969
1970	---	2.68 LE 03 MAI	1.40 LE 17 AVR *	1970
1971	---	2.59 LE 05 MAI	1.54 LE 02 AVR	1971
1972	---	---	---	1972

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) A ASCOT - STATION NO. 02OE004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	---	---	158.36	---	1982
1983	158.43	158.24	158.33	158.90	158.88	158.33	157.72	157.72	157.74	157.99	158.33	158.68	158.27	1983
1984	158.66	159.33	---	158.91	158.43	158.38	158.46	157.85	157.80	157.80R	158.06R	158.20R	---	1984
1985	158.84	159.27	158.77	158.87	158.24	158.18	158.00	157.81	157.88	158.11R	158.36R	158.24R	158.37R	1985
1986	159.15	159.15	159.10	158.62	158.01	157.92	157.86	158.28	158.09	158.24R	158.20R	158.20R	158.41R	1986
1987	158.46	159.16	158.98	158.53	157.95	158.20	157.95	157.74	157.99	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	158.04	158.48	158.22	---	1988
1989	158.88	158.86	158.86	158.79	158.47	157.99	157.70	157.96	157.95	157.95	158.32	158.99	158.39	1989
1990	159.37	159.31	159.16	158.69	158.24	158.50	158.06	158.44	157.93	---	---	---	---	1990
MOYEN	158.83	159.05	158.87	158.76	158.32	158.21	157.96	157.97	157.91	158.02	158.29	158.42	158.36	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 26 47
LONG 071 45 59

BASSIN VERSANT, 4 120 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1980

SAINT-FRANCOIS (RIVIERE) A ASCOT - STATION NO. 02OE004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	160.31 LE 15 DEC	157.52 LE 19 AOU	1984
1985	---	---	---	1985
1986	---	160.60 LE 25 FEV *	157.50 LE 16 SEP	1986
1987	---	160.46 LE 10 FEV	157.31 LE 22 JUN	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	160.14 LE 07 AVR	157.49 LE 22 JUL *	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) A BROMPTONVILLE - STATION NO. 02OF009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	16.30	---	17.09	16.52	16.28	---	---	16.03	16.22	16.17	16.72	---	1967
1968	---	16.61	---	16.86	16.30	15.92	15.82	15.76	15.56	---	16.04	16.52	---	1968
1969	16.32	16.42	16.12	17.46	17.00	15.60	15.58	15.56	15.93	15.75	16.38	16.31	16.20	1969
1970	16.09	16.23	15.78	17.33	16.78	15.66	15.71	15.62	16.07	16.19	16.13	---	---	1970
1971	---	16.91	16.56	17.27	17.00	15.63	15.28	15.57	15.88	15.74	15.98	16.82	---	1971
1972	16.53	16.28	16.65	17.19	17.48	16.15	16.14	16.04	15.47	15.70	16.24	16.83	16.39	1972
1973	---	---	---	17.04	16.86	16.66	16.49	15.93	16.19	16.34	16.10	17.10	---	1973
1974	16.99	17.04	16.84	17.91	17.73	16.47	16.67	16.21	16.05	16.10	16.48	16.42	16.74	1974
1975	16.40	16.23	16.44	17.14	16.51	16.10	15.86	15.86	16.33	16.53	16.60	16.49	16.37	1975
1976	---	---	---	17.56	17.20	16.21	16.32	16.99	16.29	16.66	16.64	16.90	---	1976
1977	16.47	16.27	17.05	17.25	16.10	16.02	15.81	15.85	15.93	16.37	16.15	---	---	1977
1978	---	---	---	16.39	16.21	16.24	15.88	15.79	15.78	15.93R	15.98R	15.92R	---	1978
1979	---	---	16.45R	16.21R	16.11R	16.14R	15.73R	15.75R	15.91R	15.92R	16.03R	---	---	1979
1980	---	138.09	137.82	138.18	137.95	138.10	137.81	137.78	137.87	---	---	---	---	1980
MOYEN	16.47	28.64	29.97	25.78	25.41	24.80	25.32	25.29	24.66	16.12	16.22	16.60	16.43	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 121.92 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 28 30
LONG 071 56 18

BASSIN VERSANT, 8 110 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 01 1988

SAINT-FRANCOIS (RIVIERE) A BROMPTONVILLE - STATION NO. 02OF009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	18.87 LE 18 AVR	14.90 LE 17 AOU	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	19.45 LE 05 MAI	14.89 LE 26 JAN	1973
1974	---	19.96 LE 29 JAN *	14.99 LE 18 JAN	1974
1975	---	19.17 LE 20 AVR	14.77 LE 27 MAR *	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 121.92 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) A DRUMMONDVILLE - STATION NO. 02OF014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	24.92	24.86	24.83	---	---	---	1966
1967	---	---	---	---	---	---	24.82	25.00	24.85	---	24.98	---	---	1967
1968	---	---	---	---	---	24.86	24.81	24.79	24.69	24.75	24.87	---	---	1968
1969	---	25.56	25.48	26.32	25.94	24.96	24.94	---	---	24.78	25.32	25.21	---	1969
1970	25.58	25.71	25.49	---	---	---	24.68	24.64	24.94	24.97	24.87	25.24	---	1970
1971	25.44	25.64	25.89	26.10	25.77	24.74	24.68	24.97	25.23	24.94	24.73	25.43	25.29	1971
1972	25.67	25.69	26.02	26.23	26.16	---	---	---	---	---	---	---	---	1972
MOYEN	25.56	25.65	25.72	26.22	25.96	24.85	24.79	24.86	24.91	24.85	24.95	25.29	25.29	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 54 53
LONG 072 29 29

BASSIN VERSANT, 9 630 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-FRANCOIS (RIVIERE) A DRUMMONDVILLE - STATION NO. 020F014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
	PLAN DE REFERENCE - ARBITRAIRE	27.11 LE 06 MAI *	24.51 LE 28 JUL *	

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) A RICHMOND-1 - STATION NO. 020F001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1915	---	---	---	21.94	---	21.35	21.40	21.42	21.39	21.33	21.39	---	---	1915
1916	22.30	22.34	22.10	23.05	21.94	22.17	---	21.56	21.37	21.52	21.47	22.29	---	1916
1917	22.22	21.88	22.19	---	22.10	21.52	---	---	---	---	22.40	21.85	---	1917
1918	21.67	21.75	22.42	23.28	21.82	21.46	21.24	21.00	21.32	21.98	21.60	21.79	21.80	1918
1919	22.52	21.98	22.78	22.82	21.86	21.27	20.95	20.87	21.08	21.46	21.93	21.73	21.77	1919
1920	21.54	21.56	22.56	23.28	21.75	21.06	21.20	---	21.26	21.45	21.50	22.17	---	1920
1921	22.90	22.65	23.13	22.00	21.36	21.20	21.56	21.16	21.14	21.29	21.56	22.27	21.81	1921
1922	22.17	21.14	22.85	22.95	21.56	22.12	21.14	21.44	21.21	21.26	21.30	21.90	21.87	1922
1923	22.04	21.82	22.92	23.76	22.45	21.55	21.31	21.20	21.21	21.41	21.69	21.90	21.85	1923
1924	22.89	22.72	22.66	---	22.20	21.26	21.28	21.45	22.08	21.35	21.53	22.17	---	1924
1925	22.06	---	22.86	22.05	21.52	21.81	21.36	21.55	21.74	22.32	22.34	22.56	---	1925
1926	22.62	22.24	23.31	23.55	22.72	21.52	21.31	21.22	21.25	21.47	21.82	22.07	21.98	1926
1927	22.23	22.12	22.79	23.44	21.90	21.63	21.24	21.16	21.19	21.43	23.16	22.43	21.92	1927
1928	---	22.66	22.72	23.81	21.90	21.90	21.27	21.34	21.41	21.12	21.82	21.99	---	1928
1929	22.69	22.26	23.28	23.51	22.25	21.90	21.49	21.35	21.28	21.43	21.53	21.99	22.05	1929
1930	23.03	22.86	23.04	23.00	22.28	21.89	21.56	21.26	21.25	21.17	21.33	21.68	22.02	1930
1931	21.81	21.83	22.13	22.41	21.77	21.66	21.34	21.35	21.50	21.35	21.58	22.15	21.74	1931
1932	22.50	22.66	22.68	23.57	21.74	21.43	21.42	21.40	21.28	21.56	21.95	22.12	22.02	1932
1933	22.33	22.20	22.43	24.43	22.71	21.35	21.27	21.29	21.18	21.29	21.98	22.24	22.03	1933
1934	22.23	22.02	22.40	24.13	21.75	21.22	21.21	21.23	21.22	21.22	21.76	22.19	21.89	1934
1935	22.95	22.51	22.66	23.17	22.17	22.05	21.31	21.22	21.26	21.38	21.46	22.00	22.01	1935
1936	22.26	22.30	24.07	22.96	22.61	21.37	21.41	21.28	21.53	21.80	21.95	22.72	22.19	1936
1937	24.09	23.88	22.51	23.81	22.63	21.56	21.45	21.40	21.26	21.54	21.64	22.00	22.39	1937
1938	22.33	22.29	22.72	22.76	21.80	21.36	21.46	21.49	21.68	21.49	21.46	22.16	21.91	1938
1939	22.00	21.91	22.24	23.52	22.82	21.80	21.37	21.54	21.39	21.77	21.73	21.95	22.00	1939
1940	22.27	22.16	22.17	23.71	22.60	21.43	21.40	21.27	21.23	21.31	21.81	22.37	21.98	1940
1941	22.65	22.43	22.18	23.09	21.41	21.31	21.39	21.30	21.22	21.32	21.55	21.98	21.81	1941
1942	22.30	22.37	22.66	23.66	22.07	22.32	21.37	21.27	21.26	21.43	21.70	22.41	22.06	1942
1943	22.45	22.45	22.77	22.86	22.74	22.31	21.59	21.59	21.42	21.48	21.78	22.22	22.14	1943
1944	22.31	22.19	22.38	23.05	22.19	21.37	21.35	21.27	21.37	21.62	21.53	21.74	21.86	1944
1945	22.44	22.24	23.48	22.55	22.53	21.62	21.53	21.29	21.65	22.22	21.75	22.55	22.15	1945
1946	22.69	22.41	23.43	22.08	22.05	21.54	21.33	21.31	21.29	21.47	21.73	22.31	21.97	1946
1947	23.01	23.21	22.96	23.14	23.33	21.43	21.56	21.40	21.40	21.30	21.26	21.81	22.23	1947
1948	21.89	21.77	22.77	22.27	22.46	21.39	21.36	21.26	21.19	21.13	21.46	21.55	21.71	1948
1949	22.33	22.57	23.00	22.50	21.57	21.35	21.27	21.21	21.21	21.26	21.41	21.99	21.80	1949
1950	22.77	22.44	22.80	23.25	21.58	21.44	21.34	21.35	21.40	21.44	21.87	22.17	21.98	1950
1951	22.33	22.27	22.45	23.61	21.66	21.38	21.34	21.27	21.31	21.30	21.67	21.97	21.91	1951
1952	22.24	22.98	21.98	23.40	21.82	22.12	21.30	21.29	21.27	21.41	21.40	21.73	21.85	1952
1953	22.55	22.96	23.15	23.33	21.97	21.42	21.43	21.25	21.26	21.30	21.30	22.00	21.90	1953
1954	22.16	22.47	22.45	23.17	22.19	22.30	21.31	21.32	21.99	22.65	21.64	22.36	22.16	1954
1955	23.20	23.11	23.40	23.90	21.89	21.47	21.21	21.26	21.18	21.19	21.39	21.82	22.08	1955
1956	22.02	21.73	23.82	23.02	22.54	21.56	21.30	21.18	21.31	21.35	21.33	21.99	21.76	1956
1957	22.28	22.11	22.39	22.01	21.72	21.33	21.41	21.28	21.33	21.34	21.57	22.55	21.78	1957
1958	22.24	22.36	22.16	23.44	21.68	21.38	21.79	21.70	21.38	21.48	21.65	22.40	21.98	1958
1959	22.69	22.68	22.59	23.83	21.60	21.85	21.46	21.38	21.32	21.55	21.57	22.40	22.13	1959
1960	22.45	22.43	22.12	24.10	21.91	21.59	21.34	21.33	21.34	21.39	21.48	21.80	21.93	1960
1961	21.98	22.05	22.46	23.02	22.56	22.02	21.52	---	21.47	21.32	21.43	21.99	---	1961
1962	22.28	22.17	22.32	23.26	21.98	21.39	21.31	21.49	21.29	21.79	22.11	---	---	1962
1963	22.63	22.49	22.63	23.80	22.28	21.55	21.27	21.97	---	---	22.10	22.35	---	1963
1964	22.29	22.00	22.20	22.68	21.68	21.39	21.31	21.22	21.24	21.19	21.50	21.98	21.72	1964
1965	22.15	22.14	22.03	21.92	21.46	21.26	21.07	21.46	21.56	22.11	21.90	21.87	21.74	1965
1966	22.32	22.20	22.87	22.58	21.84	21.45	21.31	21.40	21.40	21.43	21.44	21.91	21.85	1966
1967	22.70	22.63	22.52	22.84	22.06	21.83	21.44	21.61	21.50	21.65	21.59	22.20	22.04	1967
1968	22.45	22.29	22.91	22.48	21.64	21.49	21.49	21.34	21.28	21.25	21.46	22.17	21.95	1968
1969	22.43	22.57	22.48	23.62	23.17	21.51	21.67	21.48	21.50	21.39	22.04	21.63	22.12	1969
1970	22.31	22.37	22.24	23.68	23.33	21.44	21.24	21.20	21.50	21.49	21.58	21.67	22.00	1970
1971	22.46	22.19	22.87	23.29	23.25	21.54	21.16	21.68	21.87	21.60	21.38	22.02	22.10	1971
1972	22.97	22.83	23.16	23.25	23.42	21.90	21.93	21.77	21.20	21.36	21.57	22.27	22.27	1972
1973	23.71	23.45	22.99	23.96	23.42	22.12	21.78	21.30	21.59	21.78	21.56	22.54	22.37	1973
1974	23.30	22.72	23.77	22.44	22.42	---	---	---	---	---	---	---	---	1974
MOYEN	22.46	22.37	22.65	23.05	22.16	21.62	21.38	21.35	21.37	21.51	21.67	22.09	21.97	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 91.44 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 39 32
LONG 072 08 37

BASSIN VERSANT, 9 170 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-FRANCOIS (RIVIERE) A RICHMOND-1 - STATION NO. 020F001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN
1915	---	---	---
1916	---	---	---
1917	---	---	---
1918	---	26.10 LE 03 AVR	20.84 LE 26 AOU
1919	---	25.14 LE 22 MAR	20.81 LE 03 AOU
1920	---	---	---
1921	---	25.82 LE 10 MAR	20.87 LE 04 JUL
1922	---	25.32 LE 12 AVR	21.01 LE 02 OCT
1923	---	26.18 LE 12 AVR	21.01 LE 11 AOU
1924	---	---	---
1925	---	---	---
1926	---	26.39 LE 27 AVR	21.12 LE 01 AOU
1927	---	27.03 LE 05 NOV	21.03 LE 26 SEP
1928	---	---	---
1929	---	26.07 LE 25 MAR	21.09 LE 29 JUL
1930	---	25.14 LE 09 JAN	21.06 LE 20 OCT
1931	---	23.92 LE 28 MAR	21.03 LE 23 AOU
1932	---	25.32 LE 11 AVR	21.09 LE 30 JUN
1933	---	26.67 LE 19 AVR	21.09 LE 04 SEP
1934	---	26.88 LE 05 AVR	21.06 LE 18 AOU
1935	---	26.67 LE 11 JAN	21.03 LE 11 AOU
1936	---	28.04 LE 19 MAR *	21.09 LE 15 AOU
1937	---	25.99 LE 16 JAN	21.03 LE 03 OCT
1938	---	25.39 LE 24 MAR	21.15 LE 15 JUN
1939	---	26.70 LE 23 AVR	21.21 LE 10 JUL
1940	---	25.75 LE 13 AVR	20.97 LE 09 SEP
1941	---	24.81 LE 16 AVR	21.01 LE 29 SEP
1942	---	27.22 LE 16 JUN	20.99 LE 10 AOU
1943	---	26.51 LE 17 JUN	20.99 LE 10 OCT
1944	---	24.32 LE 26 AVR	20.96 LE 10 SEP
1945	---	26.00 LE 19 MAR	21.06 LE 27 AOU
1946	---	25.84 LE 16 MAR	21.09 LE 18 AOU
1947	---	25.44 LE 08 MAI	21.09 LE 02 NOV
1948	---	26.85 LE 21 MAR	20.99 LE 07 JUN
1949	---	25.51 LE 29 MAR	21.00 LE 24 OCT
1950	---	26.12 LE 06 AVR	21.09 LE 01 OCT
1951	---	25.02 LE 04 AVR	21.04 LE 23 OCT
1952	---	24.41 LE 11 AVR	20.83 LE 29 SEP
1953	---	25.01 LE 28 MAR	20.84 LE 28 JUN
1954	---	25.52 LE 03 MAR	20.99 LE 29 AOU
1955	---	25.99 LE 16 AVR	20.96 LE 18 SEP
1956	---	25.08 LE 30 AVR	20.83 LE 19 AOU
1957	---	25.44 LE 22 DEC	20.98 LE 25 AOU
1958	---	25.08 LE 23 AVR	21.12 LE 06 JUL
1959	---	26.30 LE 04 AVR	21.05 LE 20 SEP
1960	---	26.22 LE 19 AVR	21.04 LE 04 SEP
1961	---	---	---
1962	---	---	---
1963	---	---	---
1964	---	25.56 LE 16 AVR	20.74 LE 18 OCT
1965	---	23.25 LE 08 MAR	20.99 LE 05 JUL
1966	---	24.43 LE 26 MAR	21.03 LE 07 AOU
1967	---	25.26 LE 03 AVR	21.09 LE 19 JUL
1968	---	25.62 LE 23 MAR	21.14 LE 16 JUL
1969	---	25.76 LE 17 AVR	20.99 LE 20 JUL
1970	---	26.32 LE 26 AVR	21.14 LE 11 JUL
1971	---	26.11 LE 24 AVR	19.60 LE 02 DEC *
1972	---	26.36 LE 05 MAI	21.10 LE 29 SEP
1973	---	25.87 LE 18 MAR	21.12 LE 25 AOU
1974	---	---	---

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 91.44 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) A SHERBROOKE - STATION NO. 02OE005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1915	---	---	---	---	19.70	19.19	19.18	19.09	19.04	19.13	19.32	---	---	1915
1916	---	20.27	19.93	20.99	20.29	20.62	19.79	19.62	19.30	19.40	19.47	19.98	---	1916
1917	---	---	---	21.13	20.32	20.96	19.72	19.34	19.32	19.69	19.94	---	---	1917
1918	---	---	20.24	21.36	---	19.81	19.37	19.34	19.58	20.44	---	19.90	---	1918
1919	---	19.89	20.56	21.20	20.29	19.54	19.09	18.95	---	19.71	20.25	20.08	---	1919
1920	---	19.56	---	---	20.22	---	19.52	---	---	---	---	20.18	---	1920
1921	---	19.78	21.17	20.19	19.31	19.03	18.99	18.97	---	19.13	19.45	---	---	1921
1922	---	19.98	20.30	21.14	19.57	20.25	19.52	---	19.06	19.13	19.23	---	---	1922
1923	---	19.32	---	21.30	---	---	---	---	18.98	19.14	---	---	---	1923
1924	---	---	---	20.83	20.29	19.22	---	19.38	19.96	---	---	---	---	1924
1925	---	---	---	---	19.63	19.96	19.20	19.42	19.69	20.42	---	---	---	1925
1926	20.31	---	20.09	20.82	---	---	---	19.00	18.99	19.37	19.77	19.68	---	1926
1927	19.79	19.72	---	---	---	19.85	18.99	18.78	18.80	19.11	20.95	---	---	1927
1928	---	20.09	---	---	---	20.01	19.03	---	---	---	---	---	---	1928
1929	---	19.85	20.66	---	---	---	---	---	19.14	---	19.39	19.34	---	1929
1930	---	20.50	20.13	---	20.43	20.08	19.61	19.10	19.08	19.03	19.26	19.83	---	1930
1931	19.32	19.36	---	20.60	19.76	19.45	---	---	19.29	---	---	19.71	---	1931
1932	---	20.01	---	21.35	19.72	---	19.38	19.27	19.16	---	19.80	19.59	---	1932
1933	19.51	19.59	19.60	22.16	---	19.36	19.10	---	18.95	19.12	19.55	19.97	---	1933
1934	19.65	---	20.22	22.09	19.84	19.43	19.05	18.99	18.98	---	19.67	19.73	---	1934
1935	20.16	19.70	20.03	20.75	20.47	20.55	19.29	19.01	19.06	19.19	19.44	19.53	19.76	1935
1936	---	19.63	21.79	21.07	20.95	19.19	19.29	19.08	19.47	19.94	20.02	20.24	---	1936
1937	20.34	19.87	19.74	21.13	20.83	19.55	19.32	19.30	19.04	19.40	19.60	19.73	19.82	1937
1938	19.88	20.16	20.53	20.83	19.97	---	19.41	19.35	19.64	19.37	19.36	20.03	---	1938
1939	19.72	19.77	20.04	21.06	20.99	19.85	19.24	19.50	---	19.87	19.72	19.78	---	1939
1940	19.58	19.54	19.50	21.24	20.81	19.40	19.32	19.07	19.01	19.16	19.79	20.09	19.71	1940
1941	20.18	19.76	19.57	20.87	19.29	19.16	---	19.14	18.99	19.12	19.41	---	---	1941
1942	---	19.91	20.10	21.66	20.09	20.32	19.26	19.10	19.05	19.25	19.61	---	---	1942
1943	---	---	20.33	20.72	20.84	20.33	19.54	19.53	19.33	---	---	---	---	1943
1944	19.67	19.81	19.93	20.93	---	19.16	19.15	18.99	19.18	---	---	19.38	---	1944
1945	20.00	19.76	21.11	20.60	20.74	19.69	19.56	19.10	19.54	20.23	19.75	---	---	1945
1946	---	20.52	21.23	20.15	20.10	19.40	19.06	19.07	19.04	19.45	19.70	---	---	1946
1947	20.18	---	---	21.21	21.49	20.50	---	19.32	19.23	19.08	19.09	---	---	1947
1948	---	---	20.35	20.38	20.64	---	19.14	19.03	18.95	18.84	19.39	19.26	---	1948
1949	19.83	19.44	---	20.62	19.57	19.24	19.08	18.95	---	---	19.27	19.68	---	1949
1950	---	---	20.08	20.93	---	19.37	19.18	19.18	19.24	19.34	19.80	20.06	---	1950
1951	20.10	---	20.00	21.70	19.70	19.30	19.26	---	19.17	19.19	19.54	19.76	---	1951
1952	19.91	19.82	19.57	---	19.93	20.19	---	19.22	19.12	19.31	---	19.43	---	1952
1953	19.88	---	20.36	20.42	20.04	19.29	19.38	19.09	---	19.21	19.32	20.01	---	1953
1954	---	20.13	19.80	---	20.32	20.43	19.30	19.36	20.10	20.76	19.75	---	---	1954
1955	---	---	---	21.90	19.96	19.50	19.09	19.19	---	19.12	19.41	---	---	1955
1956	19.61	19.38	19.31	---	20.68	19.60	19.25	19.14	---	19.41	19.72	---	---	1956
1957	---	20.53	20.12	20.13	19.74	19.30	19.43	---	19.23	19.26	19.62	20.80	---	1957
1958	20.06	---	19.89	21.45	19.72	19.37	19.02	---	---	---	19.64	---	---	1958
1959	---	20.30	20.14	21.54	19.54	19.93	19.35	19.23	19.12	19.49	20.31	---	---	1959
1960	---	19.91	---	22.04	19.90	---	19.14	---	---	---	---	---	---	1960
1961	19.47	19.69	19.87	21.05	20.66	20.06	19.40	---	---	---	---	---	---	1961
1962	---	---	---	21.05	19.97	19.24	19.24	19.36	19.09	19.06	19.31	---	---	1962
1963	20.91	20.23	20.26	21.73	---	19.21	19.17	19.83	19.46	19.86	20.14	20.17	---	1963
1964	20.09	20.00	20.29	20.81	19.69	19.46	19.13	19.05	19.05	---	20.25	20.13	---	1964
										19.01	19.34	19.82	19.64	
1965	19.96	19.80	19.54	19.82	19.26	19.05	18.89	19.24	19.58	20.28	19.96	19.74	19.59	1965
1966	19.92	19.81	20.47	20.76	19.83	19.18	19.03	---	---	19.32	19.30	20.14	---	1966
1967	20.07	19.78	19.74	20.68	20.33	19.86	19.69	19.80	19.62	19.84	19.95	20.15	19.96	1967
1968	20.10	19.90	20.83	20.43	19.57	19.51	19.25	19.14	19.01	19.08	19.36	20.54	19.73	1968
1969	20.36	20.69	19.90	21.77	21.40	20.01	19.61	19.32	19.90	19.58	20.40	20.20	20.26	1969
1970	20.40	19.91	19.86	21.38	21.33	19.55	19.06	18.90	19.82	19.42	19.22	19.72	19.88	1970
1971	19.94	20.05	19.93	21.00	20.73	19.27	19.06	19.17	19.43	19.31	19.33	19.69	19.74	1971
1972	20.00	19.92	20.06	20.89	21.18	19.85	19.55	19.68	19.29	19.31	19.38	19.56	19.89	1972
1974	---	---	---	21.83	22.44	19.43	19.80	19.75	18.49	---	---	---	---	1974
1976	---	---	---	21.36	20.65	19.43	---	---	---	20.00	---	---	---	1976
1977	---	19.98	20.94	21.31	19.73	---	---	---	---	---	---	20.01	---	1977
1978	---	---	---	21.22	20.44	20.11	19.21	18.91	18.82	19.15	19.28	19.32	---	1978
1979	20.36	20.34	21.19	20.84	19.79	19.58	18.75	18.89	19.17	19.29	19.36	19.66	19.76	1979
1980	19.80	19.27	19.34	19.95	19.46	19.05	18.99	19.10	19.27	19.53	19.48	---	---	1980
1981	19.83	20.63	19.39	20.21	19.53	19.60	---	---	---	19.82	19.73	19.39	---	1981
1982	---	19.79	20.07	22.18	---	19.44	19.08	---	---	19.13	19.50	19.78	---	1982
1983	19.94	20.00	19.94	21.04	20.94	19.84	18.85	18.83	18.80	19.08	20.09	20.86	19.85	1983
1984	19.94	20.18	19.98	20.64	19.98	20.04	19.89	19.01	18.83	18.86R	19.04R	19.39R	19.65R	1984
1985	20.09	19.95	20.02	20.84	19.66	19.35	19.09	18.83	18.89	19.27R	19.60R	19.70R	19.61R	1985
1986	19.98	20.12	20.56	20.59	19.36	19.13	18.84	19.51	19.32	19.63R	19.46R	20.01R	19.71R	1986
1987	19.53	19.85	19.98	20.30	19.18	19.66	19.13	18.79	19.02	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	19.16	19.01	---	---	1988
1989	19.64	19.53	19.98	20.88	20.12	19.26	---	---	19.01	19.09	19.66	20.00	---	1989
1990	20.30	20.02	20.59	20.58	19.69	19.79	19.40	19.85	19.05	---	---	---	---	1990
MOYEN	19.96	19.91	20.17	21.01	20.17	19.65	19.27	19.21	19.21	19.42	19.61	19.86	19.78	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 121.92 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 24 11
LONG 071 53 14

BASSIN VERSANT, 5 980 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

SAINT-FRANCOIS (RIVIERE) A SHERBROOKE - STATION NO. 02OE005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANN
1915	---	---	---	19
1916	---	---	---	19
1917	---	---	---	19
1918	---	---	---	19
1919	---	---	---	19
1920	---	---	---	19
1921	---	---	---	19
1922	---	---	---	19
1923	---	---	---	19
1924	---	---	---	19
1925	---	---	---	19
1926	---	---	---	19
1927	---	---	---	19
1928	---	---	---	19
1929	---	---	---	19
1930	---	---	---	19
1931	---	---	---	19
1932	---	---	---	19
1933	---	---	---	19
1934	---	---	---	19
1935	---	22.59 LE 10 JAN	18.70 LE 03 SEP	19
1936	---	---	---	19
1937	---	22.28 LE 21 MAI	18.71 LE 12 SEP	19
1938	---	---	---	19
1939	---	---	---	19
1940	---	23.39 LE 04 MAI	18.65 LE 03 SEP	19
1941	---	---	---	19
1942	---	---	---	19
1943	---	---	---	19
1944	---	---	---	19
1945	---	---	---	19
1946	---	---	---	19
1947	---	---	---	19
1948	---	---	---	19
1949	---	---	---	19
1950	---	---	---	19
1951	---	---	---	19
1952	---	---	---	19
1953	---	---	---	19
1954	---	---	---	19
1955	---	---	---	19
1956	---	---	---	19
1957	---	---	---	19
1958	---	---	---	19
1959	---	---	---	19
1960	---	---	---	19
1961	---	---	---	19
1962	---	---	---	19
1963	---	---	---	19
1964	---	24.48 LE 06 MAR *	18.71 LE 02 AOU	19
1965	---	21.40 LE 25 SEP	18.60 LE 19 JUL	19
1966	---	---	---	19
1967	---	23.42 LE 03 AVR	19.00 LE 02 NOV	19
1968	---	23.14 LE 28 MAR	18.80 LE 18 JUL	19
1969	---	24.00 LE 18 AVR	19.14 LE 13 AOU	19
1970	---	24.29 LE 25 AVR	18.75 LE 13 AOU	19
1971	---	23.91 LE 05 MAI	18.84 LE 10 JUL	19
1972	---	22.74 LE 05 MAI	19.08 LE 27 AOU	19
1974	---	---	---	19
1976	---	---	---	19
1977	---	---	---	19
1978	---	---	---	19
1979	---	23.62 LE 06 MAR	18.50 LE 13 JUL *	19
1980	---	---	---	19
1981	---	---	---	19
1982	---	---	---	19
1983	---	23.80 LE 15 DEC	18.68 LE 05 SEP	19
1984	---	23.36 LE 01 JUN	18.50 LE 15 OCT	19
1985	---	22.32 LE 17 AVR	18.51 LE 16 SEP	19
1986	---	23.43 LE 01 AVR	18.55 LE 13 JUL	19
1987	---	---	---	19
1988	---	---	---	19
1989	---	---	---	19
1990	---	---	---	19

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 121.92 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) AU BARRAGE LAROCQUE - STATION NO. 020F010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1980	---	---	---	---	---	---	---	---	---	138.05	138.04	---	---	1980
1981	---	138.14	137.94	---	138.05	138.08	137.87	137.94	137.81	138.12	---	137.99	---	1981
1982	---	---	138.17	138.49	138.09	137.84	137.69	137.73	---	137.75	137.92	137.99	---	1982
1983	137.10	136.74	137.43	138.23	138.22	138.06	137.65	137.46	136.58	136.75	138.10	138.25	137.56	1983
1984	137.97	---	---	138.41	138.13	138.08	138.02	137.71	137.67	137.62R	137.60R	137.95R	---	1984
1985	138.06	138.17	138.17	138.31	138.03	137.92	137.81	137.71	137.72	137.91R	138.08R	137.93R	137.98R	1985
1986	138.00	138.06	138.33	138.17	137.93	137.84	137.65	138.00	137.85	137.97R	137.91R	137.98R	137.97R	1986
1987	137.84	137.92	138.11	138.10	137.79	137.96	137.78	137.61	137.70	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	137.86	138.17	137.94	---	1988
1989	137.88	137.89	138.03	138.31	138.14	137.89	137.64	137.80	137.76	137.82	138.08	---	---	1989
1990	138.09	138.25	138.22	138.16	138.06	138.04	137.94	138.06	137.77	---	---	---	---	1990
MOYEN	137.85	137.88	138.05	138.27	138.05	137.97	137.78	137.78	137.61	137.77	138.00	138.00	137.80	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 28 41 BASSIN VERSANT, 8 110 km²
LONG 071 57 11 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

SAINT-FRANCOIS (RIVIERE) AU BARRAGE LAROCQUE - STATION NO. 020F010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	139.03 LE 15 DEC	136.17 LE 11 SEP *	1984
1985	---	---	---	1985
1986	---	138.97 LE 17 AVR	137.47 LE 16 SEP	1986
1987	---	139.23 LE 31 MAR *	137.45 LE 13 JUL	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) AU RESERVOIR AYLMER - STATION NO. 020E025

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	47.23	47.12	46.79	46.95	48.15	48.09	48.04	47.97	47.57	47.36	47.90	47.95	47.60	1972
1973	48.05	47.88	47.17	47.61	48.11	47.96	47.59	47.28	47.63	47.53	47.50	47.89	47.68	1973
1974	47.61	47.58	47.49	47.79	48.01	47.88	47.82	47.53	47.16	47.22	47.40	47.59R	47.59R	1974
1975	47.19	46.79	46.26	46.02	47.31	47.95	47.77	47.52	47.39	47.58	47.87	47.71	47.28	1975
1976	46.87	46.69	46.45	47.65	47.89	47.59	47.70	---	---	47.67	47.16	46.88	---	1976
1977	46.54	45.92	45.88	47.22	47.67	47.72	47.72	47.59	47.49	47.93	47.54	47.08	47.20	1977
1978	46.99	46.48	---	---	---	---	---	---	---	---	46.83	46.75	---	1978
1979	46.96	47.14	46.91	46.86	47.74	47.73	47.52	47.39	47.52	46.80	46.84	---	---	1979
1980	---	---	---	47.30	47.63	47.67	47.71	47.61	47.72	47.87	47.76	47.77	---	1980
1981	46.78	46.86	47.15	47.96	47.72	47.61	47.69	---	47.59	47.77	47.97	47.06	---	1981
1982	46.39	46.01	45.77	46.99	47.92	47.63	47.39	47.31	47.51	46.81	46.97	47.62	47.03	1982
1983	47.55	47.09	46.77	47.07	48.01	47.95	47.61	47.25	46.88	47.45	47.91	48.09	47.47	1983
1984	47.70	46.92	46.20	46.83	47.70	48.00	47.99	47.24	46.98	46.20R	46.58R	46.99R	47.11R	1984
1985	47.18	46.39	46.35	46.29	47.44	47.78	47.73	47.35	47.32	47.72R	47.85R	46.88R	47.20R	1985
1986	---	46.58	46.10	47.17	47.57	47.80	47.78	47.72	47.69	47.67R	47.66R	47.70R	---	1986
1987	46.70	46.03	45.82	47.40	47.13	47.79	47.82	47.49	47.39	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	47.70	47.74	47.74	---	1988
1989	47.38	46.52	46.05	47.41	47.78	47.47	47.42	47.43	47.59	47.17	47.55	47.48	47.27	1989
1990	47.23	47.01	46.59	47.11	47.75	47.81	47.77	47.74	47.30	---	---	---	---	1990
MOYEN	47.14	46.77	46.48	47.15	47.74	47.79	47.71	47.49	47.42	47.40	47.47	47.45	47.34	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 200.26 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 45 37 BASSIN VERSANT, 1 710 km²
LONG 071 24 23 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

SAINT-FRANCOIS (RIVIERE) AU RESERVOIR AYLMER - STATION NO. 020E025

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	48.49 LE 09 MAI	46.55 LE 17 MAR	1972
1973	---	48.27 LE 06 FEV	46.90 LE 08 MAR	1973
1974	---	48.59 LE 02 MAI	47.06 LE 05 SEP	1974
1975	---	48.12 LE 08 JUN	45.64 LE 17 AVR	1975
1976	---	---	---	1976
1977	---	48.01 LE 12 OCT	45.36 LE 10 MAR *	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	48.65 LE 03 MAI *	45.53 LE 23 MAR	1982
1983	---	48.36 LE 06 MAI	45.98 LE 06 AVR	1983
1984	---	48.41 LE 03 JUN	45.39 LE 31 MAR	1984
1985	---	48.01 LE 18 NOV	45.78 LE 22 FEV	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	47.92 LE 07 MAI	45.62 LE 28 MAR	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 200.26 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) AU RESERVOIR SAINT-FRANCOIS - STATION NO. 020E024

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	46.61	45.41	44.57	45.76	49.57	49.52	49.58	49.65	48.95	48.83	49.40	49.62	48.13	1972
1973	48.92	48.69	47.10	48.37	49.40	49.17	49.17	48.40	48.98	49.33	48.69	49.27	48.81	1973
1974	48.91	47.83	47.08	48.24	49.68	49.51	49.41	49.16	48.35	47.52	47.47	47.88	48.42	1974
1975	47.12	45.59	44.35	44.75	48.68	49.53	49.17	48.94	48.92	49.02	49.43	49.11	47.90	1975
1976	48.03	47.16	45.92	49.01	---	---	---	49.58	49.06	49.38	49.12	48.47	---	1976
1977	46.86	45.42	45.41	48.36	49.18	49.14	---	48.59	48.43	49.48	49.47	48.97	---	1977
1978	47.73	46.48	44.33	44.95	49.27	49.13	---	---	---	48.53	49.01	47.93	---	1978
1979	47.05	44.80	44.59	48.70	---	49.56	48.76	---	48.93	48.31	48.27	48.73	---	1979
1980	47.92	46.41	45.59	---	49.25	49.17	49.36	49.16	49.10	49.57	49.50	49.50	---	1980
1981	48.04	---	---	49.54	49.45	49.46	49.09	49.18	48.71	48.82	49.37	49.10	---	1981
1982	47.96	46.06	44.75	47.24	49.31	48.94	48.87	48.49	49.01	48.89	48.92	49.48	48.17	1982
1983	49.33	48.20	46.61	48.49	49.49	49.24	48.49	48.39	---	47.51	---	46.83	---	1983
1984	45.99	44.78	44.75	46.70	48.96	48.90	49.05	48.47	48.36	48.32R	48.11R	48.19R	47.56R	1984
1985	47.58	45.30	44.79	45.79	48.58	48.82	48.49	48.40	48.42	48.51R	49.03R	48.63R	47.71R	1985
1986	47.00	47.10	44.78	47.73	48.64	48.60	48.64	48.69	48.57	48.64R	48.83R	48.79R	48.00R	1986
1987	47.65	45.42	43.43	---	---	49.37	49.22	48.72	47.79	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	48.97	49.30	48.70	---	1988
1989	46.44	44.32	42.14	46.55	49.10	49.10	48.77	48.49	48.64	48.56	49.07	48.19	47.46	1989
1990	46.66	46.75	46.26	48.22	49.34	49.33	49.22	49.09	48.47	---	---	---	---	1990
MOYEN	47.54	46.22	45.09	47.40	49.19	49.22	49.02	48.84	48.67	48.72	48.94	48.67	48.02	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 240.17 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 56 42
LONG 071 16 42

BASSIN VERSANT, 1 200 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

SAINT-FRANCOIS (RIVIERE) AU RESERVOIR SAINT-FRANCOIS - STATION NO. 020E024

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	50.20 LE 08 MAI	44.24 LE 17 MAR	1972
1973	---	49.82 LE 26 DEC	46.60 LE 11 MAR	1973
1974	---	50.52 LE 02 MAI *	46.58 LE 04 AVR	1974
1975	---	49.68 LE 11 JUN	43.53 LE 14 AVR	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	49.89 LE 28 AVR	44.36 LE 13 MAR	1982
1983	---	---	---	1983
1984	---	49.46 LE 02 JUN	44.32 LE 22 MAR	1984
1985	---	49.32 LE 16 NOV	44.12 LE 29 MAR	1985
1986	---	48.97 LE 07 DEC	44.23 LE 20 MAR	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	49.51 LE 18 NOV	41.73 LE 27 MAR *	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 240.17 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) EN AVAL DU RESERVOIR AYLMER-1 - STATION NO. 02OE070

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	43.64R	43.52R	43.62R	---	1982
1983	43.71R	43.77R	43.71R	43.81R	44.08R	43.82R	43.40R	43.41R	---	43.60R	43.63R	43.93R	43.72R	1983
1984	43.75R	43.80R	43.73R	43.78R	43.62R	43.81R	---	---	43.51R	43.48R	43.55R	43.56R	---	1984
1985	43.79	43.83	43.80	43.82	43.48	43.64	43.50	43.44	43.43	43.52R	43.71R	43.78R	43.64R	1985
1986	43.75	43.80	43.86	43.71	43.50	43.53	43.51	43.74	43.59	43.64R	43.63R	---	---	1986
1987	---	43.78	43.62	43.63	43.41	43.62	43.56	43.47	43.67	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	43.56	43.79	43.81	---	1988
1989	43.87	43.86	43.77	43.66	43.70	43.57	43.46	43.41	43.47	43.53	43.66	43.86	43.66	1989
1990	43.78	43.86	43.97	43.79	43.72	43.93	43.61	43.96	43.62	---	---	---	---	1990
MOYEN	43.77	43.81	43.78	43.74	43.66	43.70	43.52	43.57	43.54	43.57	43.67	43.76	43.67	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 200.26 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 45 35 BASSIN VERSANT, 1 710 km²
LONG 071 24 25 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

SAINT-FRANCOIS (RIVIERE) EN AVAL DU RESERVOIR AYLMER-1 - STATION NO. 02OE070

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1982	---	---		---		1982
1983	---	---		---		1983
1984	---	44.71	LE 03 MAI *	43.24	LE 09 AVR *	1984
1985	---	---		---		1985
1986	---	44.09	LE 29 AVR	43.29	LE 06 SEP	1986
1987	---	---		---		1987
1988	---	---		---		1988
1989	---	---		---		1989
1990	---	44.19	LE 30 MAR	43.34	LE 15 AOU	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 200.26 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) EN AVAL DU RESERVOIR AYLMER-2 - STATION NO. 02OE071

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	42.74R	42.61R	42.78R	43.01R	---	42.63R	42.34R	42.29R	42.30R	42.89R	42.80R	---	---	1977
1978	42.84R	---	42.71R	42.98R	42.90R	42.57R	---	---	---	42.57R	42.61R	42.72R	---	1978
1979	---	---	---	43.02R	---	42.74R	42.41R	42.58R	42.66R	42.66R	42.60R	---	---	1979
1980	---	42.68R	---	---	42.49R	42.37R	42.29R	42.43R	42.40R	---	---	42.84R	---	1980
1981	---	---	42.56R	42.95R	42.54R	42.59R	42.55R	42.77R	42.62R	42.77R	42.69R	42.70R	---	1981
1982	42.85R	42.92R	42.70R	43.13R	42.93R	42.45R	42.36R	42.38R	42.42R	42.47R	42.47R	42.60R	42.64R	1982
1983	42.58R	42.64R	42.58R	42.85R	43.08R	42.67R	42.36R	42.40R	42.40R	42.46R	42.82R	43.06R	42.66R	1983
1984	42.73R	42.77R	42.65R	42.91R	42.63R	42.80R	42.81R	42.44R	42.25R	42.34R	42.53R	42.53R	42.61R	1984
1985	42.81	42.88	42.79	42.95	42.54	42.41	42.55	42.41	42.42	42.55R	42.72R	42.72R	42.64R	1985
1986	---	42.85	43.04	42.91	42.53	42.49	42.64	42.79	42.61	42.70R	42.65R	42.82R	---	1986
1987	42.72	42.79	---	---	42.49	42.66	42.59	42.47	42.57	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	42.59	42.79	42.67	---	1988
1989	42.71	42.74	42.86	42.86	42.73	42.51	42.44	42.60	42.51	42.55	42.70	42.71	42.66	1989
1990	42.80	42.88	43.01	42.90	42.62	42.86	42.57	42.84	42.54	---	---	---	---	1990
MOYEN	42.75	42.78	42.77	42.95	42.68	42.60	42.49	42.53	42.48	42.60	42.67	42.74	42.64	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 200.26 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 44 56 BASSIN VERSANT, 1 720 km²
LONG 071 24 39 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

SAINT-FRANCOIS (RIVIERE) EN AVAL DU RESERVOIR AYLMER-2 - STATION NO. 02OE071

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1977	---	---		---		1977
1978	---	---		---		1978
1979	---	---		---		1979
1980	---	---		---		1980
1981	---	---		---		1981
1982	---	---		---		1982
1983	---	44.39	LE 29 AVR *	42.11	LE 25 MAI	1983
1984	---	43.88	LE 05 MAI	42.10	LE 01 NOV	1984
		43.84	LE 01 JUN	42.02	LE 12 OCT *	
1985	---	---		---		1985
1986	---	43.56	LE 10 AVR	42.17	LE 14 SEP	1986
1987	---	---		---		1987
1988	---	---		---		1988
1989	---	---		---		1989
1990	---	44.18	LE 30 MAR	42.18	LE 18 JUL	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 200.26 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-JEAN (LAC) A LA POINTE SCOTT - STATION NO. 02RG013

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	100.82	99.95	98.90	---	---	101.47	101.26	---	---	101.35	101.22	101.02	---	1983
1984	100.60	99.82	98.66	98.18	101.11	101.58	---	101.44	100.91	---	---	100.78	---	1984
1985	100.63	99.80	98.63	97.77	---	101.65	101.43	---	100.24	100.34	---	100.75	---	1985
1986	100.33	99.53	98.60	98.28	101.25	101.49	101.23	---	101.26	101.29	101.26	101.01	---	1986
1987	100.45	99.54	98.48	98.98	100.02	100.79	---	100.73	100.67	101.06	101.43	101.13	---	1987
1988	100.51	99.57	98.49	98.23	100.54	---	101.29	101.21	101.29	---	101.43	101.18	---	1988
MOYEN	100.56	99.70	98.63	98.29	100.73	101.40	101.30	101.13	100.87	101.01	101.33	100.98	---	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 31 34
LONG 072 13 47

BASSIN VERSANT, 73 000 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAINT-JEAN (LAC) A LA POINTE SCOTT - STATION NO. 02RG013

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

SAINT-JEAN (LAC) A ROBERVAL - STATION NO. 02RG010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	100.14R	99.16R	98.27R	98.12R	99.48R	101.58R	101.21R	101.56R	101.58R	101.58R	101.52R	101.51R	100.48R	1966
1981	100.32	99.38	98.98	98.84	100.72	101.72	---	101.28	100.53	100.44	100.56	100.39	---	1981
1982	100.11	---	---	---	---	---	---	---	---	---	---	---	---	1982
MOYEN	100.19	99.27	98.63	98.48	100.10	101.65	101.21	101.42	101.06	101.01	101.04	100.95	100.48	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 31 34
LONG 072 13 17

BASSIN VERSANT, 73 000 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

R - REVISEE DEPUIS JAN 01 1988

SAINT-JEAN (LAC) A ROBERVAL - STATION NO. 02RG010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	101.74 LE 10 AOU *	97.84 LE 13 AVR *	1966
1981	---	---	---	1981
1982	---	---	---	1982

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-JEAN (LAC) A ROBERVAL (PRES DE LA MARINA) - STATION NO. 02RG020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1986	---	---	---	---	---	---	---	---	---	---	---	4.49R	---	1986
1987	3.93	3.03	---	---	3.45	4.28	4.39	4.21	4.13	4.55R	4.90R	4.66R	---	1987
1988	4.07	3.14	2.02	---	---	---	---	4.69	4.77	4.88	4.91	4.67	---	1988
1989	4.03	3.05	2.03	1.44	3.50	4.99	4.54	3.97	3.41	4.13	5.03	4.57	3.73	1989
1990	3.90	3.03	2.03	1.50	4.46	4.96	4.66	4.32	3.59	---	---	---	---	1990
MOYEN	3.98	3.06	2.03	1.47	3.80	4.74	4.53	4.30	3.98	4.52	4.95	4.60	3.73	MOYEN

LOCATION - LAT 48 31 40
LONG 072 13 23

BASSIN VERSANT, 73 000 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 01 1988

SAINT-JEAN (LAC) A ROBERVAL (PRES DE LA MARINA) - STATION NO. 02RG020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	5.22 LE 31 MAI *	1.20 LE 28 AVR *	1989
1990	---	---	---	1990

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-JEAN (LAC) A SAINT-GEDEON - STATION NO. 02RG003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1981	100.35	99.41	98.98	98.88	100.77	101.75	101.66	101.31	100.59	100.50	100.62	100.43	100.45	1981
1982	100.17	99.68	98.59	97.77	100.43	101.72	101.58	101.24	100.46	---	101.37	101.42	---	1982
1983	100.83	99.96	98.91	98.21	100.88	101.47	101.26	100.69	100.73	101.36	101.23	101.01	100.55	1983
1984	100.59	99.82	98.67	98.18	101.09	101.39	101.42	101.44	100.93	---	100.65	100.78	---	1984
1985	100.63	99.81	98.64	97.77	99.64	101.64	101.43	101.14	100.23	100.35	100.84	100.75	100.25	1985
1986	100.33	99.53	98.61	98.27	101.23	101.49	101.23	101.13	101.29	101.31	101.28	101.01	100.57	1986
1987	100.45	99.54	98.48	98.97	100.92	100.78	---	100.73	100.66	101.07	101.44	101.14	---	1987
1988	100.52	99.58	98.49	98.23	100.52	101.36	---	101.20	101.29	101.39	101.42	---	---	1988
MOYEN	100.48	99.67	98.67	98.28	100.57	101.48	101.43	101.11	100.86	101.00	101.11	100.93	100.46	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 32 20
LONG 071 46 50

BASSIN VERSANT, 73 000 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAINT-JEAN (LAC) A SAINT-GEDEON - STATION NO. 02RG003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1981	---	---	---	1981
1982	---	101.83 LE 17 JUN *	98.14 LE 03 AVR	1982
1983	---	---	---	1983
1984	---	101.67 LE 15 JUN	97.82 LE 13 AVR	1984
1985	---	---	---	1985
1986	---	101.74 LE 04 JUN	97.67 LE 14 AVR *	1986
1987	---	101.78 LE 25 MAI	98.00 LE 16 AVR	1987
1988	---	---	---	1988

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-JEAN (LAC) PRES DE SAINT-HENRI-DETAILLON - STATION NO. 02RG002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1981	---	---	---	---	---	---	---	---	100.61	---	100.64	100.43	---	1981
1982	100.17	99.69	98.59	97.78	100.44	101.73	101.57	101.24	101.17	101.00	101.38	101.42	100.52	1982
1983	100.84	99.96	98.91	98.20	---	101.49	---	---	---	---	---	101.02	---	1983
1984	100.60	99.82	98.66	98.18	---	---	---	---	100.94	---	---	100.77	---	1984
1985	100.63	99.81	98.65	97.78	99.65	101.65	---	101.15	100.24	100.36	100.85	100.75	---	1985
1986	100.33	99.53	98.61	98.28	101.24	101.49	101.25	101.14	101.29	101.32	101.28	101.00	100.57	1986
1987	100.44	99.54	---	98.97	100.03	100.79	---	100.75	100.69	---	101.47	101.14	---	1987
1988	100.51	99.58	---	98.24	100.53	---	101.28	101.20	---	101.40	101.44	---	---	1988
MOYEN	100.50	99.70	98.68	98.20	100.38	101.43	101.37	101.10	100.82	101.02	101.18	100.93	100.54	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 39 20
LONG 071 51 00

BASSIN VERSANT, 73 000 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAINT-JEAN (LAC) PRES DE SAINT-HENRI-DETAILLON - STATION NO. 02RG002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1981	---	---	---	1981
1982	---	101.83 LE 05 JUN *	97.65 LE 17 AVR *	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	101.78 LE 25 MAI	98.01 LE 16 AVR	1986
1987	---	---	---	1987
1988	---	---	---	1988

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-JOSEPH (LAC) - STATION NO. 02LC039

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1971	60.87	60.78	60.71	60.98	61.45	61.07	60.95	60.90	60.91	60.94	61.13	61.25	61.00	1971
1972	61.18	60.97	60.93	61.00	61.66	61.36	61.24	61.04	61.05	61.06	61.11	61.09	61.14	1972
1973	61.02	61.02	61.14	61.45	---	---	61.13	61.09	---	---	---	---	---	1973
MOYEN	61.02	60.92	60.93	61.14	61.56	61.22	61.11	61.01	60.98	61.00	61.12	61.17	61.07	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 58 15
LONG 074 20 10

DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-JOSEPH (LAC) - STATION NO. 02LC039

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1971	---	61.74 LE 06 MAI *	60.62 LE 04 AVR *	1971
1972	---	62.02 LE 08 MAI *	60.85 LE 10 AVR	1972
1973	---	---	---	1973

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A BATISCAN - STATION NO. 02PA005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1901	---	---	---	---	4.51	3.88	3.15	2.86	2.72	2.68	2.71	---	---	1901
1913	---	---	---	---	---	3.57	3.16	2.89	2.78	3.02	3.08	---	---	1913
1914	---	---	---	---	---	3.18	2.98	2.69	2.65	2.62	---	---	---	1914
1915	---	---	---	---	3.65	3.10	2.89	2.74	2.67	2.72	2.74	---	---	1915
1916	---	---	---	---	---	4.22	3.39	2.98	2.80	2.91	---	---	---	1916
1917	---	---	---	---	---	4.12	3.65	3.37	2.93	3.11	---	---	---	1917
1918	---	---	---	---	---	3.50	---	2.91	3.01	3.29	---	---	---	1918
1919	---	---	---	---	4.92	---	3.32	3.03	2.96	3.08	---	---	---	1919
1920	---	---	---	---	3.96	3.26	3.05	---	---	2.79	---	---	---	1920
1921	---	---	---	---	3.86	3.13	2.88	2.70	2.60	2.80	---	---	---	1921
1922	---	---	---	---	4.14	3.63	3.21	2.93	2.75	2.71	---	---	---	1922
1923	---	---	---	---	---	3.53	2.95	2.74	---	---	---	---	---	1923
1924	---	---	---	---	---	3.70	3.11	2.93	2.99	3.11	---	---	---	1924
1925	---	---	---	---	3.84	3.44	3.08	2.88	2.67	2.81	---	---	---	1925
1926	---	---	---	---	4.40	3.63	3.18	2.85	2.67	2.78	---	---	---	1926
1927	---	---	---	---	---	3.45	3.26	3.01	2.73	2.87	---	---	---	1927
1928	---	---	---	---	5.16	4.14	3.47	3.19	3.09	3.43	---	---	---	1928
1929	---	---	---	---	4.98	---	3.54	3.15	2.98	3.03	---	---	---	1929
1930	---	---	---	---	4.14	3.86	3.73	3.24	2.94	2.85	---	---	---	1930
1931	---	---	---	---	3.35	3.11	2.79	2.68	2.65	2.60	---	---	---	1931
1932	---	---	---	---	3.61	3.14	3.02	2.97	3.10	3.30	---	---	---	1932
1933	---	---	---	---	4.31	3.30	2.85	2.75	2.61	2.54	---	---	---	1933
1934	---	---	---	---	4.06	3.24	2.81	2.40	2.36	2.36	---	---	---	1934
1935	---	---	---	---	3.40	3.06	2.93	2.66	2.55	2.49	---	---	---	1935
1936	---	---	---	---	4.52	3.54	2.84	---	2.62	2.89	---	---	---	1936
1937	---	---	---	---	4.22	3.33	2.95	2.86	2.74	2.77	---	---	---	1937
1938	---	---	---	---	4.08	3.22	2.87	2.98	2.94	2.87	---	---	---	1938
1939	---	---	---	---	---	3.53	---	3.17	2.82	2.88	---	---	---	1939
1940	---	---	---	---	4.10	3.69	3.18	2.78	2.79	2.66	---	---	---	1940
1941	---	---	---	---	3.37	3.90	2.79	2.66	2.70	2.82	---	---	---	1941
1942	---	---	---	---	3.85	3.46	2.95	2.79	2.70	2.71	---	---	---	1942
1943	---	---	---	---	---	---	3.50	3.28	---	3.10	---	---	---	1943
1944	---	---	---	---	3.77	3.11	2.99	2.88	2.82	2.86	---	---	---	1944
1945	---	---	---	---	---	3.69	3.16	2.94	2.98	3.37	---	---	---	1945
1946	---	---	---	---	3.60	3.31	2.93	2.85	2.71	2.86	---	---	---	1946
1947	---	---	---	---	5.24	5.09	---	3.31	3.08	2.95	---	---	---	1947
1948	---	---	---	---	3.80	3.31	3.04	2.91	2.78	2.73	---	---	---	1948
1949	---	---	---	---	3.66	3.07	2.91	2.68	2.63	2.53	---	---	---	1949
1950	---	---	---	---	3.63	3.33	3.01	2.84	2.77	2.74	---	---	---	1950
1951	---	---	---	---	4.20	3.32	3.26	3.01	2.90	3.01	---	---	---	1951
1952	---	---	---	---	4.30	3.87	3.24	3.16	3.00	3.05	---	---	---	1952
1953	---	---	---	---	3.80	3.18	2.98	2.85	2.79	2.73	---	---	---	1953
1954	---	---	---	---	4.11	3.79	3.23	2.98	---	3.52	---	---	---	1954
1955	---	---	---	---	3.97	3.32	2.99	2.89	---	2.87	---	---	---	1955
1956	---	---	---	---	3.85	3.59	3.16	3.02	3.09	3.02	---	---	---	1956
1957	---	---	---	---	3.23	3.08	3.47	---	---	2.84	---	---	---	1957
1959	---	---	---	---	---	3.27	2.90	2.86	2.76	2.80	---	---	---	1959
1960	---	---	---	---	---	---	3.34	---	---	---	2.67	---	---	1960
1961	3.13	---	3.28	---	3.58	3.24	3.12	---	2.94	2.78	---	---	---	1961
1962	---	3.21	3.09	3.76	3.45	2.81	2.72	2.71	---	2.75	2.89	2.64	---	1962
1963	2.89	2.86	2.94	3.89	---	---	---	2.63	2.67	2.64	---	---	---	1963
1964	3.15	3.11	3.21	3.22	---	---	2.64	2.51	2.41	2.49	2.52	2.67	---	1964
1965	2.73	2.92	2.74	2.90	3.06	2.61	2.47	2.59	2.72	3.27	3.17	3.08	2.86	1965
1966	3.21	3.18	3.54	---	3.35	3.00	2.67	2.76	2.66	2.65	2.88	3.30	---	1966
1967	3.14	3.25	3.06	3.86	3.72	3.19	3.03	2.75	2.72	3.22	3.57	---	---	1967
1968	---	---	---	4.08	3.23	2.91	2.93	2.81	2.87	2.83	2.99	3.00	---	1968
1969	---	---	3.17	4.15	4.28	3.49	3.25	3.16	3.03	2.83	3.26	3.13	---	1969
1970	3.03	3.07	3.00	3.90	4.02	3.32	3.13	3.06	2.98	3.10	3.14	3.27	3.25	1970
1971	3.16	3.39	3.36	4.12	4.43	3.19	2.83	2.84	2.95	2.87	2.82	2.89	3.24	1971
1972	2.83	2.97	3.33	4.05	4.72	3.87	3.75	3.60	3.35	3.45	3.66	3.52	3.59	1972
1973	3.54	3.68	---	4.52	4.53	3.90	3.66	3.46	3.28	3.33	3.19	3.35	---	1973
1974	3.32	3.32	3.76	4.50	5.29	4.40	3.68	3.32	3.13	3.07	3.37	3.49	3.72	1974
1975	3.26	3.18	3.52	4.11	4.12	---	2.99	2.85	2.87	3.06	3.26	---	---	1975
1976	3.32	3.42	3.95	4.14	4.44	3.68	2.66	2.47	2.23	2.86	3.21	---	---	1976
1977	3.24	3.01	3.66	4.23	---	3.09	2.79	2.80	3.01	3.54	3.33	3.42	---	1977
MOYEN	3.14	3.19	3.31	4.03	4.04	3.45	3.11	2.93	2.84	2.92	3.08	3.15	3.33	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 30 02
LONG 072 14 49

REGULARISE

SAINT-LAURENT (FLEUVE) A BATISCAN - STATION NO. 02PA005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1901	---	---	---	1901
1913	---	---	---	1913
1914	---	---	---	1914
1915	---	---	---	1915
1916	---	---	---	1916
1917	---	---	---	1917
1918	---	---	---	1918
1919	---	---	---	1919
1920	---	---	---	1920
1921	---	---	---	1921
1922	---	---	---	1922
1923	---	---	---	1923
1924	---	---	---	1924
1925	---	---	---	1925
1926	---	---	---	1926
1927	---	---	---	1927
1928	---	---	---	1928
1929	---	---	---	1929
1930	---	---	---	1930
1931	---	---	---	1931
1932	---	---	---	1932
1933	---	---	---	1933
1934	---	---	---	1934
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	---	---	1937
1938	---	---	---	1938
1939	---	---	---	1939
1940	---	---	---	1940
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	3.69 LE 24 OCT	1.92 LE 28 MAR *	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	4.79 LE 07 MAI	2.40 LE 18 MAR	1970
1971	---	5.44 LE 25 AVR	2.48 LE 02 AOU	1971
1972	---	5.15 LE 17 MAI	2.37 LE 09 FEV	1972
1973	---	---	---	1973
1974	---	5.62 LE 26 MAI *	2.74 LE 25 OCT	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A CAP-A-LA-ROCHE - STATION NO. 02PK001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	---	---	---	---	---	---	---	---	2.18	---	2.54	---	---	1963
1964	---	2.54	2.70	---	2.50	2.25	2.18	1.98	1.85	---	1.96	---	---	1964
1965	---	2.19	2.12	2.28	2.40	2.06	1.93	2.02	2.13	2.60	2.49	2.39	---	1965
1966	2.53	2.48	2.84	3.03	2.67	2.42	---	---	2.10	---	---	2.62	---	1966
1967	2.51	2.53	2.42	3.11	3.01	2.57	2.40	2.16	2.15	---	2.82	2.71	---	1967
1968	3.08	2.62	2.79	3.27	2.57	2.31	2.30	2.18	2.24	2.23	2.43	2.37	2.53	1968
1969	2.39	2.68	2.51	3.35	3.46	2.80	2.61	2.51	2.42	2.21	2.60	---	---	1969
1970	---	2.40	2.38	3.16	3.25	2.67	2.50	2.43	2.37	2.46	2.50	2.64	---	1970
1971	2.41	2.65	2.71	3.34	3.59	2.51	2.22	2.33	2.33	2.27	2.24	2.26	2.56	1971
1972	2.14	2.23	2.66	3.25	3.84	3.16	3.01	2.96	2.67	2.73	2.92	2.75	2.85	1972
1973	2.69	2.89	3.53	3.68	3.69	3.12	2.92	2.77	2.59	2.65	2.51	2.63	2.97	1973
1974	2.63	2.63	3.01	3.66	4.33	3.55	2.95	2.63	2.48	2.40	2.71	2.80	2.98	1974
1975	2.59	2.48	2.84	3.36	3.34	2.86	2.37	2.27	2.27	2.43	2.61	---	---	1975
MOYEN	2.55	2.53	2.71	3.22	3.23	2.69	2.49	2.37	2.29	2.44	2.53	2.57	2.78	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .05 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 33 46
LONG 072 06 23

REGULARISE

SAINT-LAURENT (FLEUVE) A CAP-A-LA-ROCHE - STATION NO. 02PK001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	4.46 LE 22 JAN	1.59 LE 09 JAN	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	4.60 LE 25 AVR	1.77 LE 12 DEC	1971
1972	---	4.31 LE 16 MAI	1.44 LE 09 FEV *	1972
1973	---	4.69 LE 19 MAR	2.01 LE 19 DEC	1973
1974	---	4.71 LE 25 MAI *	1.96 LE 02 FEV	1974
1975	---	---	---	1975

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .05 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A CHAMPLAIN - STATION NO. 02PA004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	---	---	---	---	2.94	2.92	2.84	2.97	3.09	---	---	1962
1963	3.20	3.22	3.25	4.17	3.43	2.94	2.79	2.83	2.89	2.83	3.33	3.18	3.17	1963
1964	---	3.36	3.45	3.45	3.26	2.95	---	2.72	2.59	2.82	---	---	---	1964
1965	---	3.13	3.00	3.11	3.23	2.81	2.79	2.79	2.93	3.49	3.41	3.15	---	1965
1966	3.48	3.46	3.84	3.92	3.63	3.24	---	---	2.87	2.88	3.11	3.58	---	1966
1967	3.43	3.61	3.39	4.17	4.02	3.50	3.29	2.99	---	---	3.88	3.72	---	1967
1968	4.28	3.76	3.83	4.38	3.47	3.15	3.17	3.04	3.11	3.06	3.23	3.27	3.48	1968
1969	3.44	3.64	3.44	4.45	4.59	3.76	3.52	3.42	3.27	3.05	3.50	3.39	3.62	1969
1970	3.32	3.35	3.28	4.19	4.31	3.57	3.38	3.31	3.21	3.33	3.37	3.53	3.51	1970
1971	3.42	3.67	3.64	---	4.75	3.44	3.05	3.06	3.18	3.09	3.03	3.13	---	1971
1972	3.14	3.28	3.50	4.34	5.04	4.14	4.06	3.89	3.62	3.71	3.93	3.81	3.87	1972
1973	3.83	3.90	4.69	4.82	---	---	3.95	3.73	3.55	3.59	3.44	3.63	---	1973
1974	3.62	3.61	4.07	4.81	5.62	4.70	3.95	3.59	3.38	3.31	3.60	3.71	4.00	1974
1975	3.53	3.44	3.81	4.40	4.40	3.81	3.23	3.09	3.10	3.30	3.50	3.52	3.60	1975
1976	3.63	3.84	---	---	4.84	3.97	---	---	---	3.61	3.46	3.25	---	1976
1977	3.55	---	3.94	---	---	---	3.00	---	3.23	3.80	---	3.69	---	1977
MOYEN	3.53	3.52	3.65	4.18	4.20	3.54	3.32	3.18	3.13	3.26	3.42	3.48	3.61	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .04 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 26 25
LONG 072 20 25 REGULARISE

SAINT-LAURENT (FLEUVE) A CHAMPLAIN - STATION NO. 02PA004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1963	---	4.86 LE 07 AVR	2.36 LE 01 AOU *	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	5.73 LE 22 JAN	2.57 LE 16 OCT	1968
1969	---	5.02 LE 19 AVR	2.70 LE 06 OCT	1969
1970	---	5.09 LE 07 MAI	2.69 LE 18 MAR	1970
1971	---	---	---	1971
1972	---	5.47 LE 11 MAI	2.79 LE 09 FEV	1972
1973	---	---	---	1973
1974	---	5.93 LE 25 MAI *	3.01 LE 25 OCT	1974
1975	---	5.34 LE 26 AVR	2.81 LE 16 SEP	1975
1976	---	---	---	1976
1977	---	---	---	1977

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .04 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A CONTRECOEUR - STATION NO. 02OJ021

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1934	---	---	---	---	---	---	---	4.30	4.24	4.23	---	---	---	1934
1935	---	---	---	---	---	4.92	4.94	4.65	4.47	4.35	---	---	---	1935
1936	---	---	---	---	---	5.65	4.79	4.48	4.47	4.73	---	---	---	1936
1961	---	---	---	---	---	---	4.94	4.69	---	4.52	4.24	---	---	1961
1962	5.93	5.57	5.15	5.62	5.14	4.36	4.22	4.23	4.15	4.23	4.39	4.73	4.81	1962
1963	5.55	5.35	5.03	4.73	4.71	4.22	4.07	4.15	4.24	4.13	4.52	4.79	4.71	1963
1964	5.48	5.17	5.04	4.82	4.48	4.22	4.10	4.02	3.94	3.99	3.94	---	---	1964
1965	4.87	5.16	4.54	4.38	4.49	3.99	3.94	4.21	4.39	5.02	4.91	4.98	4.57	1965
1966	6.10	6.14	5.80	5.55	5.07	4.73	4.40	4.26	4.47	4.41	4.63	5.35	5.09	1966
1967	5.38	---	5.63	6.00	5.69	5.14	4.89	4.55	4.50	5.09	5.78	5.59	---	1967
1968	6.47	5.85	5.70	6.15	5.10	4.74	4.85	4.53	4.80	4.69	4.94	---	---	1968
1969	---	5.67	5.35	6.32	6.35	5.56	5.27	5.17	4.95	4.67	5.16	5.22	---	1969
1970	5.41	5.28	5.06	5.88	6.03	5.23	5.06	4.98	4.80	4.95	5.03	5.52	5.27	1970
1971	5.97	6.13	5.76	6.39	6.55	5.14	4.65	4.65	4.78	4.65	4.53	4.72	5.72	1971
1972	4.94	5.32	5.64	6.26	6.93	5.91	5.87	5.68	5.40	5.44	5.72	5.81	5.74	1972
1973	6.39	6.34	6.87	6.80	6.70	6.09	5.80	5.46	5.29	5.33	5.18	5.39	5.94	1973
1974	5.44	5.41	6.04	6.72	7.46	---	---	---	5.08	5.02	5.25	5.43	---	1974
1975	---	---	5.71	6.25	6.16	5.53	4.88	---	4.78	4.99	---	5.53R	---	1975
1976	6.17	6.47	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	5.97	---	---	---	---	5.38	4.99	4.80	4.71	4.75	4.55	---	---	1978
1979	5.17	5.21	5.86	---	6.51	5.46	4.99	4.93	5.16	---	5.42	5.66	---	1979
1980	5.23	5.09	5.21	5.95	5.66	4.96	5.01	5.15	5.21	5.36	5.31	---	---	1980
1981	---	---	---	6.13	5.55	5.37	---	5.07	5.16	5.35	5.53	5.15	---	1981
1982	5.07	5.20	5.18	---	5.69	5.03	4.86	4.69	4.99	4.64	4.85	5.25	---	1982
1983	5.08	5.33	5.53	5.98	---	---	---	---	4.75	4.75	5.23	5.40	---	1983
1984	5.09	5.40	5.58	---	5.93	5.66	5.39	---	5.04	---	---	---	---	1984
1985	5.62	5.69	---	---	---	5.18	---	5.19	4.99	4.98	5.04	---	---	1985
1986	5.06	---	---	---	---	5.55	5.38	5.46	5.43	5.49	5.46	---	---	1986
1987	---	---	---	---	5.17	5.17	5.00	4.75	4.67	---	---	5.10	---	1987
1988	---	5.22	---	5.88	5.22	4.54	4.40	---	---	4.87	5.61	---	---	1988
1989	4.81	4.78	4.67	---	---	---	4.81	4.63	4.51	4.54	---	---	---	1989
1990	---	5.30	5.52	---	5.70	5.20	4.96	4.77	4.56	5.10	5.17	5.38	---	1990
MOYEN	5.51	5.50	5.47	5.93	5.74	5.11	4.86	4.77	4.75	4.80	5.01	5.28	5.19	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 51 29
LONG 073 14 25

REGULARISE

R - REVISEE DEPUIS JAN 01 1988

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A CONTRECOEUR - STATION NO. 02OJ021

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE		NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1934	4.580 LE 31 JUL A 8:00 HNE		---		---		1934
1935	6.00 LE 04 MAI A 10:00 HNE		---		---		1935
1936	7.39 LE 21 MAI A 20:30 HNE		---		---		1936
1961	6.09 LE 04 MAI A 17:42 HNE		---		---		1961
1962	6.78 LE 16 JAN A 8:03 HNE		6.69 LE 16 JAN		3.92 LE 09 SEP		1962
1963	6.97 LE 06 AVR A 9:35 HNE		6.94 LE 06 AVR		3.83 LE 31 JUL		1963
1964	6.030 LE 30 JAN A 8:58 HNE		---		---		1964
1965	5.62 LE 11 FEV A 9:30 HNE		5.52 LE 11 FEV		3.67 LE 29 MAR	*	1965
1966	7.53 LE 03 FEV A 5:30 HNE		7.46 LE 02 FEV		4.24 LE 27 SEP		1966
1967	7.42 LE 02 FEV A 23:42 HNE		---		---		1967
1968	7.74 LE 26 JAN A 12:30 HNE		---		---		1968
1969	7.32 LE 15 JAN A 23:45 HNE		---		---		1969
1970	6.80 LE 06 MAI A 5:53 HNE		6.75 LE 06 MAI		4.63 LE 13 SEP		1970
1971	7.68 LE 24 AVR A 11:50 HNE		7.66 LE 24 AVR		4.40 LE 11 DEC		1971
1972	7.51 LE 10 MAI A 5:25 HNE		7.48 LE 10 MAI		4.72 LE 16 JAN		1972
1973	7.99 LE 19 MAR A 19:41 HNE	*	7.96 LE 19 MAR	*	5.00 LE 21 NOV		1973
1974	7.76 LE 29 MAI A 10:50 HNE		---		---		1974
1975	7.22 LE 26 AVR A 2:20 HNE		---		---		1975
1976	7.80 LE 03 FEV A 10:40 HNE		---		---		1976
1977	5.69 LE 22 DEC A 2:05 HNE		---		---		1977
1978	7.25 LE 21 AVR A 15:55 HNE		---		---		1978
1979	7.11 LE 02 MAI A 12:20 HNE		---		---		1979
1980	6.63 LE 17 AVR A 4:50 HNE		---		---		1980
1981	7.78 LE 10 JAN A 16:16 HNE		7.57 LE 26 FEV		4.68 LE 26 JUL		1981
1982	6.76 LE 29 AVR A 23:51 HNE		6.74 LE 29 AVR		4.37 LE 26 OCT		1982
1983	7.50 LE 12 MAI A 16:30 HNE		7.49 LE 12 MAI		4.56 LE 31 OCT		1983
1984	7.32 LE 19 AVR A 3:25 HNE		7.23 LE 19 AVR		---		1984
1985	---		---		---		1985
1986	6.77 LE 31 MAR A 23:56 HNE		6.72 LE 04 AVR		4.63 LE 02 JAN		1986
1987	7.18 LE 02 AVR A 20:20 HNE		---		4.37 LE 18 NOV		1987
1988	6.40 LE 08 AVR A 20:45 HNE		---		---		1988
1989	6.04 LE 09 AVR A 17:50 HNE		---		---		1989
1990	6.55 LE 28 AVR A 22:44 HNE		6.50 LE 29 AVR		4.37 LE 20 SEP		1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A COTEAU-DU-LAC - STATION NO. 02MC017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1920	---	---	---	---	---	40.73	40.78	40.74	40.70	40.68	40.65	---	---	1920
1921	40.91	40.85	41.00	41.00	41.01	40.98	40.93	40.84	40.73	40.66	40.58	---	---	1921
1922	40.89	40.59	40.74	41.06	41.01	41.06	41.11	40.98	40.85	40.75	40.64	---	---	1922
1923	---	---	---	---	40.86	40.91	40.81	40.73	40.64	40.55	40.50	40.60	---	1923
1924	40.74	40.72	40.65	40.91	40.99	40.93	40.94	40.90	40.79	40.77	40.65	40.68	40.80	1924
1925	---	40.55	40.80	---	---	---	---	---	---	---	---	---	---	1925
1927	---	---	---	---	---	40.89	40.83	---	40.63	40.59	40.71	40.88	---	1927
1928	40.97	40.92	40.88	41.14	41.04	40.99	40.99	40.98	40.86	40.79	40.78	40.84	40.93	1928
1929	40.98	---	---	41.20	41.38	41.32	41.29	41.20	41.06	40.98	40.98	40.95	---	1929
1930	41.15	41.15	41.21	41.36	41.30	41.29	41.25	41.11	40.97	40.85	40.76	40.67	41.09	1930
1931	40.70	40.60	40.57	40.72	40.72	40.75	40.71	40.59	40.53	40.49	40.49	40.45	40.61	1931
1932	40.60	40.74	40.71	41.07	41.01	40.90	40.87	40.79	40.64	40.60	40.57	40.53	40.75	1932
1933	40.52	40.47	40.46	40.86	40.82	40.69	40.57	40.48	40.41	40.23	40.08	40.24	40.49	1933
1934	40.19	40.19	40.15	40.59	40.44	40.40	40.36	40.38	40.37	40.31	40.14	40.33	40.32	1934
1935	40.54	40.26	40.43	40.44	40.48	40.55	40.58	40.50	40.33	40.25	40.35	40.40	40.43	1935
1936	40.46	40.30	40.56	40.95	40.93	40.87	40.79	40.64	40.55	40.54	40.49	40.41	40.63	1936
1937	40.73	40.79	40.82	40.82	40.99	40.97	40.92	40.87	40.74	40.63	40.67	40.60	40.78	1937
1938	40.73	40.72	40.70	40.90	40.88	40.82	40.76	40.78	40.71	40.62	40.46	40.47	40.71	1938
1939	40.54	40.30	40.29	40.82	40.85	40.78	40.76	40.68	40.49	40.37	40.23	40.20	40.53	1939
1940	40.47	40.18	40.03	40.40	40.52	40.59	40.57	40.46	40.34	40.29	40.26	40.30	40.37	1940
1941	40.55	40.27	40.16	40.50	40.39	40.27	40.28	40.28	40.18	40.17	40.27	40.34	40.31	1941
1942	40.63	41.47	40.99	40.48	40.55	40.52	40.49	40.45	40.38	40.34	40.43	40.55	40.60	1942
1943	41.06	41.74	41.60	40.91	40.89	40.81	40.79	40.75	40.69	40.63	40.60	---	---	1943
1944	40.72	40.63	40.59	40.65	40.70	40.68	40.69	40.66	40.61	40.60	40.49	40.48	40.62	1944
1945	41.02	41.53	41.19	40.82	40.84	40.82	40.81	40.76	40.75	40.82	40.80	40.87	40.92	1945
1946	41.07	40.95	41.02	40.83	40.78	40.76	40.73	40.67	40.62	40.62	40.62	40.65	40.77	1946
1947	42.29	42.54	42.21	41.09	40.78	40.92	40.90	40.84	40.76	40.66	40.68	40.73	41.19	1947
1948	40.86	41.74	41.57	40.82	40.84	40.78	40.74	40.69	40.63	40.61	40.60	40.55	40.87	1948
1949	40.72	40.80	40.76	40.74	40.74	40.69	40.66	40.58	40.58	40.55	40.55	40.60	40.66	1949
1950	40.85	41.51	41.94	41.04	40.73	40.71	40.71	40.66	40.63	40.65	40.68	40.72	40.90	1950
1951	40.79	41.62	41.36	40.86	40.79	40.73	40.77	40.67	40.63	40.57	40.41	40.67	40.82	1951
1952	41.48	41.60	41.21	40.64	40.69	40.70	40.60	40.60	40.59	40.53	40.49	40.52	40.80	1952
1953	40.78	41.15	40.93	40.58	40.64	40.61	40.62	40.56	40.54	40.43	40.34	40.30	40.60	1953
1954	40.87	40.88	40.87	40.55	40.61	40.60	40.62	40.54	40.55	40.55	40.55	40.58	40.65	1954
1955	40.83	41.03	41.11	40.63	40.60	40.56	40.54	40.42	40.39	40.34	40.38	40.76	40.63	1955
1956	41.22	41.18	41.15	40.66	40.42	40.43	40.41	40.35	40.32	40.27	40.31	40.41	40.59	1956
1957	41.05	40.79	40.68	40.43	40.43	40.42	40.45	40.38	40.34	40.27	40.36	40.27	40.49	1957
1958	40.50	40.77	40.72	40.46	40.36	40.40	40.42	40.25	40.19	40.31	40.31	40.38	40.42	1958
1959	40.46	40.70	40.64	40.61	40.52	40.55	40.51	40.42	40.28	40.21	40.21	40.29	40.45	1959
1960	40.51	40.58	40.56	40.50	40.20	40.57	40.52	40.42	40.27	39.79	40.05	40.23	40.35	1960
1961	40.41	40.32	40.09	39.98	40.10	39.78	39.75	40.11	40.08	40.02	40.26	40.16	40.09	1961
1962	40.17	40.08	40.08	39.93	40.00	40.06	40.05	40.09	40.13	40.11	40.04	40.20	40.08	1962
1963	40.27	40.28	40.28	39.91	39.90	40.05	40.04	40.11	40.09	40.11	40.14	40.15	40.11	1963
1964	40.30	40.21	40.20	40.19	39.99	40.13	40.15	40.13	40.12	---	40.12	40.16	---	1964
1965	40.14	40.12	40.17	40.13	40.04	40.23	40.24	40.22	40.23	---	40.14	40.15	---	1965
1966	40.42	40.36	40.35	40.22	39.97	40.24	40.23	40.22	40.23	40.21	40.20	40.24	40.24	1966
1967	40.32	40.39	40.33	40.23	40.01	40.23	40.25	40.25	40.27	40.28	40.25	40.21	40.25	1967
1968	40.53	40.54	40.42	40.30	39.98	40.26	40.28	40.26	40.28	40.28	40.29	40.57	40.33	1968
1969	41.02	40.52	40.39	40.39	40.09	40.24	40.34	40.35	40.25	40.25	40.23	40.26	40.36	1969
1970	40.38	40.37	40.34	40.26	40.06	40.21	---	---	40.24	40.24	40.18	40.37	---	1970
1971	40.22	40.21	40.40	40.48	40.35	40.23	40.19	40.19	40.23	40.20	40.14	40.20	40.25	1971
1972	40.38	40.24	40.28	40.46	40.34	40.29	40.34	40.42	40.41	40.38	40.38	40.64	40.38	1972
1973	40.87	40.62	40.59	40.45	---	---	40.49	40.39	40.43	40.37	40.22	40.64	---	1973
1974	40.56	40.48	40.64	40.57	40.47	40.48	40.46	40.51	40.46	40.43	40.33	40.34	40.48	1974
1975	40.49	40.31	40.55	40.50	40.41	---	---	40.33	40.37	40.36	40.35	40.42R	---	1975
1976	40.35	40.46	40.66	40.51	40.48	40.55	40.55	40.49	40.45	40.46	---	---	---	1976
1977	---	40.46	40.64	40.43	40.34	40.30	40.28	40.15	40.39	40.43	40.36	40.52	---	1977
1978	40.41	40.60	40.60	40.66	40.43	40.42	40.37	40.35	40.28	40.26	40.27	40.34	40.42	1978
1979	40.28	40.26	40.45	40.41	40.35	40.41	40.34	40.33	---	40.45	40.43	40.39	---	1979
1980	40.93	40.50	40.45	40.35	40.34	40.31	40.32	40.35	40.38	40.31	40.29	40.26	40.40	1980
1981	40.14	39.92	39.75	---	---	40.30	40.36	40.46	---	40.43	40.45	40.22	---	1981
1982	40.19	40.23	40.23	40.29	40.29	---	---	---	---	---	---	40.32	---	1982
1983	40.24	---	40.31	40.39	40.39	---	---	40.41	40.44	40.39	40.32	40.40	---	1983
1984	---	40.59	40.59	40.38	40.44	40.19	40.45	40.56	40.47	40.33	40.27	40.24	---	1984
1985	40.44	40.45	40.49	40.42	40.36	40.40	40.40	40.35	40.39	40.32	40.33	---	---	1985
1986	40.35	---	40.59	40.46	---	---	---	---	---	40.48	40.45	40.33	---	1986
1987	40.35	40.31	40.40	40.25	40.28	40.32	---	40.27	40.19	40.15	40.09	40.14	---	1987
1988	40.14	40.05	39.32	39.49	40.17	40.23	40.15	40.17	40.09	40.10	40.11	40.13	40.01	1988
1989	40.11	40.09	40.09	40.08	40.07	---	---	40.23	40.20	40.17	40.19	---	---	1989
1990	40.14	40.13	40.19	40.25	40.29	40.27	40.25	40.25	40.20	40.17	40.24	40.12	40.21	1990
MOYEN	40.62	40.65	40.62	40.56	40.53	40.55	40.55	40.50	40.45	40.42	40.39	40.43	40.54	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 17 47
LONG 074 10 00 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A COTEAU-DU-LAC - STATION NO. 02MC017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE		NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1920	41.25	LE 30 DEC A 17:00 HNE	---		---		1920
1921	41.47	LE 22 MAR A 4:00 HNE	---		---		1921
1922	41.35	LE 13 AVR A 3:30 HNE	---		---		1922
1923	41.18	LE 09 JUN A 19:30 HNE	---		---		1923
1924	41.26	LE 19 MAI A 5:00 HNE	41.16	LE 19 MAI	40.50	LE 05 DEC	1924
1925	41.14	LE 30 MAR A 4:00 HNE	---		---		1925
1927	41.05	LE 19 NOV A 8:00 HNE	---		---		1927
1928	41.56	LE 08 AVR A 23:30 HNE	41.49	LE 09 AVR	40.68	LE 10 MAR	1928
1929	41.57	LE 16 MAI A 16:00 HNE	---		---		1929
1930	41.52	LE 09 AVR A 7:30 HNE	41.30	LE 08 AVR	40.58	LE 11 DEC	1930
1931	40.94	LE 27 JAN A 5:30 HNE	40.90	LE 27 JAN	40.36	LE 09 DEC	1931
1932	41.37	LE 12 AVR A 20:30 HNE	41.35	LE 13 AVR	40.35	LE 02 JAN	1932
1933	41.00	LE 08 AVR A 17:30 HNE	40.98	LE 09 AVR	40.01	LE 06 NOV	1933
1934	40.85	LE 31 DEC A 20:00 HNE	40.79	LE 26 DEC	39.09	LE 02 FEV	1934
1935	41.07	LE 28 JAN A 2:00 HNE	40.92	LE 27 JAN	40.05	LE 10 AVR	1935
1936	41.12	LE 19 AVR A 15:30 HNE	41.11	LE 19 AVR	40.11	LE 28 FEV	1936
1937	41.36	LE 07 AVR A 6:00 HNE	41.29	LE 07 AVR	40.26	LE 18 DEC	1937
1938	41.24	LE 25 MAR A 6:00 HNE	41.22	LE 25 MAR	40.24	LE 05 MAR	1938
1939	41.15	LE 23 AVR A 22:00 HNE	41.13	LE 23 AVR	40.03	LE 25 NOV	1939
1940	40.87	LE 01 JUL A 8:00 HNE	40.84	LE 01 JUL	39.93	LE 16 FEV	1940
1941	40.87	LE 28 DEC A 7:30 HNE	40.79	LE 22 JAN	39.89	LE 13 FEV	1941
1942	41.83	LE 10 FEV A 20:00 HNE	41.76	LE 11 FEV	40.11	LE 09 DEC	1942
1943	42.74	LE 28 MAR A 2:30 HNE	---		---		1943
1944	41.01	LE 14 FEV A 10:30 HNE	40.87	LE 14 MAI	40.26	LE 27 NOV	1944
1945	42.20	LE 11 MAR A 9:00 HNE	42.02	LE 11 FEV	40.39	LE 17 JAN	1945
1946	41.48	LE 11 MAR A 4:00 HNE	41.37	LE 10 MAR	40.49	LE 04 DEC	1946
1947	43.02	LE 26 JAN A 13:30 HNE *	42.92	LE 26 JAN *	40.56	LE 29 OCT	1947
1948	42.61	LE 21 MAR A 12:30 HNE	42.36	LE 21 MAR	40.47	LE 30 DEC	1948
1949	41.07	LE 28 MAR A 8:30 HNE	41.01	LE 28 MAR	40.50	LE 05 JAN	1949
1950	42.23	LE 04 MAR A 15:30 HNE	42.13	LE 13 MAR	40.54	LE 07 JAN	1950
1951	41.91	LE 17 FEV A 23:00 HNE	41.86	LE 18 FEV	40.14	LE 18 NOV	1951
1952	42.48	LE 27 JAN A 9:30 HNE	42.42	LE 27 JAN	40.45	LE 19 NOV	1952
1953	41.90	LE 22 FEV A 11:00 HNE	41.75	LE 22 FEV	40.00	LE 02 DEC	1953
1954	41.47	LE 15 JAN A 11:30 HNE	41.38	LE 14 JAN	40.32	LE 28 JAN	1954
1955	41.81	LE 26 DEC A 11:00 HNE	41.72	LE 26 DEC	40.13	LE 06 OCT	1955
1956	41.84	LE 26 FEV A 11:30 HNE	41.64	LE 01 JAN	40.16	LE 24 OCT	1956
1957	41.62	LE 17 JAN A 13:00 HNE	41.29	LE 13 JAN	40.06	LE 14 DEC	1957
1958	41.36	LE 02 MAR A 8:00 HNE	41.16	LE 23 FEV	39.86	LE 02 SEP	1958
1959	41.19	LE 05 AVR A 10:00 HNE	41.09	LE 05 AVR	40.04	LE 02 OCT	1959
1960	40.98	LE 05 AVR A 16:35 HNE	40.88	LE 05 AVR	39.61	LE 25 OCT	1960
1961	40.96	LE 03 FEV	40.74	LE 25 JAN	39.40	LE 17 JUN	1961
1962	40.62	LE 16 JAN A 1:20 HNE	40.37	LE 08 JAN	39.63	LE 13 MAI	1962
1963	40.67	LE 18 DEC A 23:30 HNE	40.57	LE 18 DEC	39.43	LE 14 MAI	1963
1964	40.51	LE 16 JAN A 22:15 HNE	---		---		1964
1965	40.48	LE 12 JAN A 17:01 HNE	---		---		1965
1966	40.88	LE 01 FEV A 7:22 HNE	40.75	LE 01 FEV	39.47	LE 13 MAI	1966
1967	40.70	LE 10 MAR A 17:10 HNE	40.55	LE 03 MAR	39.44	LE 13 JUN	1967
1968	41.49	LE 31 DEC A 1:10 HNE	41.39	LE 31 DEC	39.48	LE 17 MAI	1968
1969	41.60	LE 02 JAN A 17:35 HNE	41.48	LE 03 JAN	39.61	LE 07 MAI	1969
1970	40.82	LE 28 DEC A 17:40 HNE	---		---		1970
1971	40.93	LE 19 AVR A 12:30 HNE	40.77	LE 19 AVR	39.91	LE 19 MAI	1971
1972	41.51	LE 18 DEC A 12:17 HNE	41.20	LE 31 DEC	39.77	LE 12 JUN	1972
1973	41.69	LE 22 DEC A 19:52 HNE	---		---		1973
1974	41.04	LE 07 MAR A 20:25 HNE	40.94	LE 07 MAR	40.09	LE 14 MAI	1974
1975	41.07R	LE 22 JAN A 11:35 HNE	---		---		1975
1976	41.02	LE 31 MAR A 10:19 HNE	---		---		1976
1977	41.08	LE 14 MAR A 22:25 HNE	---		---		1977
1978	41.13	LE 12 AVR A 10:29 HNE	41.00	LE 12 AVR	39.96	LE 03 OCT	1978
1979	40.91	LE 25 MAR A 12:40 HNE	---		---		1979
1980	42.02	LE 12 JAN A 9:15 HNE	41.63	LE 12 JAN	39.84	LE 23 MAI	1980
1981	40.85	LE 09 AOU A 05:04 HNE	40.57	LE 25 SEP	39.31	LE 25 MAR	1981
1982	40.90	LE 10 JAN A 9:50 HNE	40.81	LE 09 JAN	39.92	LE 06 MAR	1982
1983	41.27	LE 23 DEC A 08:59 HNE	40.62	LE 22 JAN	39.99	LE 06 FEV	1983
1984	41.09	LE 11 FEV A 18:00 HNE	40.91	LE 29 JAN	39.69	LE 20 JUN	1984
1985	40.95	LE 29 DEC A 13:32 HNE	40.89	LE 28 DEC	40.14	LE 02 NOV	1985
1986	41.17	LE 29 MAR A 8:41 HNE	41.06	LE 02 FEV	39.68	LE 19 JUN	1986
1987	40.68	LE 26 JAN A 23:30 HNE	40.56	LE 26 JAN	39.81	LE 16 NOV	1987
1988	40.66	LE 08 JAN A 7:58 HNE	40.63	LE 08 JAN	39.12	LE 15 AVR *	1988
1989	---		---		---		1989
1990	40.52	LE 29 MAI A 22:15 HNE	40.35	LE 24 MAI	40.01	LE 25 DEC	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 01 1988

SAINT-LAURENT (FLEUVE) A COTEAU-LANDING - STATION NO. 02MC016

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNE
19[illegible]	46.34	46.32	46.34	46.40	46.45	46.49	46.45	46.39	46.32	46.24	46.22	46.24	46.35	191
1920	46.25	46.04	46.12	46.21	46.14	46.08	46.12	46.08	46.05	46.03	46.01	46.16	46.11	192
1921	46.21	46.06	46.29	46.29	46.29	46.27	46.24	46.16	46.04	45.92	45.94	46.02	46.15	192
1922	46.19	46.00	46.09	46.34	46.31	46.34	46.37	46.25	46.16	46.08	46.01	45.94	46.17	192
1923	46.08	45.99	45.91	46.19	46.15	46.19	46.11	46.05	45.96	45.89	45.86	45.94	46.03	192
1924	46.22	46.13	46.04	46.20	46.27	46.21	46.20	46.17	46.09	46.10	46.05	46.12	46.15	192
1925	45.92	45.91	46.15	46.17	46.15	46.10	46.03	45.97	45.93	45.94	45.99	46.07	46.03	192
1926	45.95	45.75	45.84	46.24	46.18	46.09	46.05	46.00	45.98	46.06	46.20	46.32	46.06	192
1927	46.25	46.04	46.22	46.22	46.23	46.23	46.18	46.13	46.08	46.06	46.16	46.34	46.18	192
1928	46.50	46.39	46.33	46.48	46.36	46.33	46.35	46.34	46.26	46.22	46.22	46.27	46.34	192
1929	46.49	46.39	46.45	46.51	46.65	46.61	46.58	46.53	46.44	46.35	46.33	46.32	46.47	192
1930	46.60	46.55	46.54	46.63	46.60	46.59	46.54	46.42	46.30	46.20	46.12	46.04	46.43	193
1931	46.13	46.01	45.93	46.04	46.03	46.05	46.03	45.94	45.89	45.84	45.83	45.81	45.96	193
1932	45.93	46.09	46.07	46.32	46.23	46.17	46.15	46.10	45.97	45.90	45.86	45.86	46.05	193
1933	45.86	45.84	45.84	46.09	46.06	46.07	46.12	46.14	46.09	46.03	45.89	45.98	46.00	193
1934	45.97	46.11	46.10	46.27	46.21	46.16	46.07	45.94	45.85	45.81	45.73	46.12	46.03	193
1935	46.18	46.16	46.29	46.23	46.24	46.25	46.16	46.05	45.83	45.77	45.88	45.94	46.08	193
1936	46.13	45.82	46.10	46.38	46.34	46.27	46.18	46.05	45.99	45.97	46.03	46.15	46.12	193
1937	46.31	46.33	46.32	46.33	46.35	46.30	46.19	46.11	46.01	46.02	46.04	46.15	46.20	193
1938	46.18	46.29	46.27	46.22	46.21	46.17	46.14	46.15	46.10	46.05	46.01	46.17	46.16	193
1939	46.24	46.10	46.16	46.32	46.20	46.24	46.22	46.15	46.06	46.09	46.02	46.06	46.15	193
1940	46.16	46.03	46.01	46.16	46.12	46.19	46.26	46.20	46.15	46.00	45.92	46.05	46.10	194
1941	46.17	46.01	45.93	46.16	46.07	46.03	46.04	45.96	46.02	45.98	46.04	46.14	46.05	194
1942	46.23	46.24	46.26	46.24	46.23	46.19	46.18	46.28	46.29	46.28	46.27	46.30	46.25	194
1943	46.33	46.36	46.37	46.42	46.52	46.44	46.48	46.44	46.40	46.38	46.37	46.33	46.40	194
1944	46.36	46.27	46.23	46.23	46.29	46.35	46.35	46.30	46.21	46.12	46.00	46.21	46.24	194
1945	46.21	46.24	46.31	46.39	46.44	46.42	46.43	46.42	46.40	46.40	46.37	46.41	46.37	194
1946	46.47	46.33	46.40	46.42	46.34	46.34	46.33	46.28	46.19	46.13	46.11	46.[illegible]7	46.29	194
1947	46.32	46.24	46.19	46.35	46.37	46.51	46.50	46.46	46.44	46.37	46.28	46.36	46.37	194
1948	46.29	46.19	46.27	46.40	46.39	46.41	46.42	46.40	46.30	46.21	46.18	46.23	46.31	194
1949	46.35	46.33	46.35	46.39	46.29	46.26	46.19	46.08	46.01	45.93	45.85	45.97	46.17	194
1950	46.23	46.27	46.30	46.37	46.33	46.33	46.30	46.24	46.16	46.13	46.10	46.28	46.25	195
1951	46.45	46.34	46.43	46.46	46.44	46.44	46.46	46.45	46.39	46.26	46.23	46.40	46.40	195
1952	46.48	46.48	46.49	46.46	46.41	46.42	46.46	46.46	46.44	46.37	46.27	46.39	46.43	195
1953	46.52	46.52	46.43	46.43	46.41	46.39	46.38	46.38	46.31	46.22	46.15	46.30	46.37	195
1954	46.55	46.55	46.52	46.46	46.39	46.38	46.37	46.35	46.31	46.30	46.30	46.38	46.40	195
1955	46.53	46.52	46.52	46.52	46.41	46.38	46.37	46.33	46.28	46.27	46.29	46.43	46.40	195
1956	46.50	46.51	46.47	46.46	46.39	46.39	46.38	46.39	46.37	46.26	46.20	46.26	46.38	195
1957	46.58	46.56	46.44	46.18	46.22	---	46.27	46.21	46.20	46.29	---	46.33	---	195
1958	46.48	46.47	46.46	46.38	46.38	46.37	46.37	46.35	46.34	46.36	46.34	46.44	46.39	195
1959	46.50	46.48	---	46.44	46.34	46.35	46.35	46.39	46.36	46.35	46.39	---	---	195
1960	46.54	46.55	46.51	46.34	46.37	46.37	46.34	46.32	46.35	46.29	46.27	46.33	46.38	196
1961	46.53	46.48	46.47	46.32	46.34	46.34	46.34	46.35	46.34	46.35	46.35	46.30	46.38	196
1962	---	---	---	---	46.29	46.34	46.33	46.34	46.33	---	46.32	46.35	---	196
1963	---	46.47	46.47	46.34	46.29	46.32	46.34	46.35	46.37	46.34	46.33	46.40	---	196
1964	46.51	46.49	46.45	46.32	46.30	46.30	46.32	46.32	46.32	---	46.34	46.38	---	196
1965	46.48	46.49	46.43	46.38	46.34	46.35	46.35	46.34	46.35	46.32	46.36	46.34	46.38	196
1966	46.39	46.43	46.39	46.33	46.34	46.33	46.33	46.33	46.33	46.32	46.33	46.33	46.35	196
1967	46.34	46.42	46.41	46.34	46.34	46.33	46.35	46.36	46.38	46.35	46.41	46.41	46.37	196
1968	46.45	46.47	46.48	46.39	46.37	46.36	46.37	46.37	46.39	46.35	46.38	46.42	46.40	196
1969	46.44	46.46	46.49	46.41	46.40	46.38	46.37	46.37	46.38	46.35	46.33	46.38	46.40	196
1970	46.49	46.47	46.49	46.41	46.38	46.37	46.37	46.40	46.37	46.38	46.42	46.47	46.42	197
1971	46.47	46.50	46.53	46.48	46.40	46.39	46.37	46.38	46.42	46.37	46.37	46.38	46.42	197
1972	46.46	46.46	46.49	46.47	46.45	46.41	46.41	46.40	46.41	46.42	46.43	46.48	46.44	197
1973	46.51	46.52	46.50	46.43	46.43	46.43	46.43	46.44	46.42	46.42	46.44	46.44	46.45	197
1974	46.46	46.49	---	46.45	46.44	46.47	46.46	46.43	46.41	46.42	46.42	46.41	---	197
1975	46.39	46.48	46.45	46.44	46.44	46.44	46.43	46.42	46.43	46.44	---	46.41R	---	197
1976	46.47	---	---	46.44	---	---	---	---	---	---	46.41	46.44	---	197
1977	46.49	46.47	46.43	46.43	46.41	46.44	46.42	46.42	---	46.43	46.45	---	---	197
1978	46.50	46.49	46.49	46.38	46.38	46.39	46.42	46.41	46.42	46.43	46.42	46.37	46.42	197
1979	46.48	46.46	46.42	46.39	46.37	46.41	---	46.43	46.45	46.44	46.41	46.34	---	197
1980	---	---	---	46.38	46.41	46.37	46.41	46.42	46.41	46.42	46.42	46.38	---	198
1981	---	46.46	46.38	46.37	46.39	46.40	46.42	46.39	46.43	---	---	46.33	---	198
1982	46.39	46.43	46.41	46.38	46.39	46.40	46.43	46.42	46.42	---	46.36	46.34	---	198
1983	46.38	46.44	---	46.40	---	46.37	46.32	---	---	---	46.39	---	---	198
1984	---	---	---	---	---	46.39	46.39	---	46.41	46.39	---	---	---	198
1985	---	46.49	46.43	46.41	---	46.42	46.41	46.40	46.42	46.43	---	---	---	198
1986	46.43	46.51	46.50	46.40	46.39	46.39	46.41	46.39	46.38	46.38	---	---	---	198
1987	46.36	46.50	46.49	---	---	---	46.39	---	46.33	46.33	46.36	46.36	---	198
1988	46.38	---	46.38	46.35	46.36	46.33	---	46.33	---	46.33	---	46.30	---	198
1989	46.37	46.40	46.36	46.32	46.31	46.34	---	---	---	46.31	46.32	---	---	198
1990	46.36	---	---	46.34	46.29	46.33	---	---	---	---	---	46.38	---	199
MOYEN	46.34	46.32	46.32	46.35	46.33	46.33	46.32	46.29	46.25	46.22	46.20	46.26	46.27	MOYE

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 15 11
LONG 074 12 41 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A COTEAU-LANDING - STATION NO. 02MC016

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE							NIVEAU MAXIMUM QUOTIDIEN				NIVEAU MINIMUM QUOTIDIEN				ANNEE
1919	46.91	LE		JAN				*	46.58	LE	14 JAN	46.07	LE	28 NOV		1919
1920	46.77	LE	13	MAR	A	1:00	HNE		46.52	LE	06 JAN	45.84	LE	22 NOV		1920
1921	---								46.48	LE	22 MAR	45.83	LE	02 NOV		1921
1922	46.56	LE	13	AVR	A	4:00	HNE		46.54	LE	13 AVR	45.67	LE	29 DEC		1922
1923	46.41	LE	10	JUN	A	23:00	HNE		46.39	LE	10 JUN	45.78	LE	02 MAR		1923
1924	46.52	LE	19	MAI	A	4:26	HNE		46.47	LE	17 JAN	45.93	LE	05 DEC		1924
1925	46.41	LE	30	MAR	A	4:00	HNE		46.38	LE	29 MAR	45.77	LE	29 JAN	*	1925
1926	46.56	LE	26	AVR	A	16:00	HNE		46.53	LE	26 AVR	45.63	LE	03 FEV	*	1926
1927	46.57	LE	27	DEC	A	8:33	HNE		46.52	LE	27 DEC	45.91	LE	25 FEV		1927
1928	46.83	LE	09	AVR	A	15:27	HNE		46.79	LE	09 AVR	46.12	LE	20 SEP		1928
1929	46.88	LE	16	MAI	A	13:35	HNE		46.76	LE	04 MAI	46.18	LE	19 DEC		1929
1930	46.84	LE	27	JAN	A	9:00	HNE		46.83	LE	26 JAN	45.98	LE	11 DEC		1930
1931	46.35	LE	01	FEV	A	22:50	HNE		46.32	LE	17 JAN	45.76	LE	15 NOV		1931
1932	46.57	LE	12	AVR	A	18:43	HNE		46.53	LE	13 AVR	45.68	LE	09 NOV		1932
1933	46.33	LE	28	JUL	A	16:51	HNE		46.24	LE	26 DEC	45.72	LE	14 FEV		1933
1934	46.58	LE	03	AVR	A	7:36	HNE		46.57	LE	03 AVR	45.63	LE	08 NOV		1934
1935	46.58	LE	18	MAR	A	1:05	HNE		46.53	LE	18 MAR	45.64	LE	16 OCT		1935
1936	46.54	LE	19	AVR	A	14:45	HNE		46.51	LE	19 AVR	45.67	LE	18 FEV		1936
1937	46.83	LE	07	AVR	A	8:33	HNE		46.75	LE	07 AVR	45.92	LE	13 NOV		1937
1938	46.56	LE	25	MAR	A	6:00	HNE		46.54	LE	25 MAR	45.86	LE	21 JAN		1938
1939	46.52	LE	10	AVR	A	1:30	HNE		46.47	LE	10 AVR	45.84	LE	06 JAN		1939
1940	46.43	LE	29	JAN	A	11:30	HNE		46.39	LE	29 JAN	45.76	LE	27 NOV		1940
1941	46.41	LE	20	JAN	A	6:30	HNE		46.38	LE	20 JAN	45.65	LE	12 FEV		1941
1942	46.63	LE	02	DEC	A	16:25	HNE		46.49	LE	10 FEV	46.06	LE	06 FEV		1942
1943	46.65	LE	13	MAI	A	6:51	HNE		46.62	LE	13 MAI	46.20	LE	19 JAN		1943
1944	46.47	LE	14	JAN	A	10:57	HNE		46.44	LE	14 JAN	45.93	LE	19 NOV		1944
1945	46.59	LE	23	MAI	A	2:16	HNE		46.52	LE	20 MAI	45.97	LE	17 JAN		1945
1946	46.60	LE	23	JAN	A	9:00	HNE		46.55	LE	23 JAN	46.02	LE	28 DEC		1946
1947	46.66	LE	16	JUN	A	6:37	HNE		46.60	LE	16 JUN	45.94	LE	22 FEV		1947
1948	46.52	LE	25	JUN	A	5:06	HNE		46.49	LE	25 JUN	46.02	LE	31 JAN		1948
1949	46.59	LE	19	JAN	A	10:55	HNE		46.46	LE	07 AVR	45.71	LE	28 NOV		1949
1950	46.56	LE	14	JAN	A	10:48	HNE		46.45	LE	05 AVR	45.96	LE	04 NOV		1950
1951	46.68	LE	04	JAN	A	11:42	HNE		46.61	LE	31 MAR	46.12	LE	07 NOV		1951
1952	46.59	LE	19	JAN	A	8:50	HNE		46.55	LE	26 FEV	46.17	LE	18 NOV		1952
1953	46.72	LE	29	JAN	A	8:16	HNE		46.66	LE	29 JAN	45.99	LE	07 NOV		1953
1954	46.64	LE	03	MAR	A	1:29	HNE		46.61	LE	12 JAN	46.25	LE	08 OCT		1954
1955	46.64	LE	03	AVR	A	11:00	HNE		46.62	LE	05 AVR	46.18	LE	06 OCT		1955
1956	46.61	LE	14	MAI	A	15:51	HNE		46.56	LE	05 AVR	46.12	LE	15 NOV		1956
1957	46.62	LE	04	JAN	A	10:00	HNE		---			---				1957
1958	46.59	LE	06	JAN	A	20:21	HNE		46.56	LE	16 JAN	46.21	LE	09 NOV		1958
1959	46.61	LE	22	JAN	A	7:32	HNE		---			---				1959
1960	46.66	LE	09	JAN					46.59	LE	01 FEV	46.18	LE	25 AVR		1960
1961	46.63	LE	13	DEC	A	1:50	HNE		46.57	LE	13 JAN	46.15	LE	17 DEC		1961
1962	46.56	LE	09	AVR	A	20:44	HNE		---			---				1962
1963	46.62	LE	28	MAR					---			---				1963
1964	46.61	LE	22	JAN	A	23:55	HNE		---			---				1964
1965	46.59	LE	31	JAN	A	23:09	HNE		46.57	LE	06 FEV	46.26	LE	31 MAI		1965
1966	46.84	LE	31	JAN	A	23:45	HNE		46.47	LE	30 JAN	46.24	LE	04 DEC		1966
1967	46.56	LE	22	DEC	A	8:15	HNE		46.47	LE	28 FEV	46.28	LE	18 JAN		1967
1968	46.56	LE	21	JAN					46.52	LE	18 DEC	46.32	LE	14 JUN		1968
1969	46.56	LE	22	MAR	A	21:20	HNE		46.53	LE	15 MAR	46.29	LE	11 AOU		1969
1970	46.59	LE	26	MAR	A	21:01	HNE		46.54	LE	23 MAR	46.32	LE	05 JUN		1970
1971	46.59	LE	13	FEV	A	23:10	HNE		46.56	LE	17 MAR	46.30	LE	25 JUL		1971
1972	46.70	LE	18	DEC	A	5:30	HNE		46.54	LE	18 DEC	46.35	LE	16 JUN		1972
1973	46.59	LE	02	AVR	A	19:15	HNE		46.54	LE	24 JAN	46.35	LE	12 AVR		1973
1974	46.58	LE	01	MAI	A	12:01	HNE		---			---				1974
1975	46.68R	LE	10	NOV	A	18:12	HNE		---			---				1975
1976	46.64	LE	03	FEV	A	18:20	HNE		---			---				1976
1977	46.61	LE	06	AVR	A	1:50	HNE		---			---				1977
1978	46.59	LE	11	JAN	A	9:05	HNE		46.55	LE	11 JAN	46.30	LE	06 AVR		1978
1979	46.63	LE	28	NOV	A	14:59	HNE		---			---				1979
1980	46.62	LE	12	FEV	A	8:57	HNE		---			---				1980
1981	46.57	LE	20	FEV	A	22:27	HNE		46.52	LE	21 FEV	46.19	LE	30 DEC		1981
1982	46.55	LE	07	JUL	A	20:50	HNE		46.50	LE	13 JAN	46.12	LE	03 JAN		1982
1983	46.61	LE	22	MAR	A	02:07	HNE		46.52	LE	21 JAN	---				1983
1984	---								---			---				1984
1985	---								---			---				1985
1986	46.61	LE	14	FEV	A	8:15	HNE		46.58	LE	14 FEV	46.30	LE	02 JAN		1986
1987	46.60	LE	23	JAN	A	15:15	HNE		46.57	LE	20 FEV	46.27	LE	16 JAN		1987
1988	46.59	LE	10	NOV	A	18:06	HNE		---			---				1988
1989	46.50	LE	07	FEV	A	17:25	HNE		---			---				1989
1990	---								---			---				1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISES DEPUIS JAN 01 1980

SAINT-LAURENT (FLEUVE) A GRONDINES - STATION NO. 02PC005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANN
1934	---	---	---	---	---	---	---	---	---	1.54	---	---	---	193
1935	---	---	---	---	---	2.10	---	---	1.69	1.62	---	---	---	193
1936	---	---	---	---	---	2.44	---	---	1.73	1.91	---	---	---	193
1937	---	---	---	---	2.97	2.31	2.00	1.92	1.85	1.87	---	---	---	193
1938	---	---	---	---	2.93	2.22	1.96	2.05	1.98	1.91	---	---	---	193
1939	---	---	---	---	---	2.46	2.25	2.20	1.93	1.97	---	---	---	193
1940	---	---	---	---	---	2.58	2.16	1.86	1.88	1.77	---	---	---	194
1941	---	---	---	---	2.36	2.01	1.90	1.81	1.82	1.92	---	---	---	194
1942	---	---	---	---	2.75	2.46	2.04	1.88	1.81	1.82	---	---	---	194
1943	---	---	---	---	---	2.99	2.43	2.29	2.08	2.16	---	---	---	194
1944	---	---	---	---	2.62	2.15	2.07	1.97	1.92	2.01	---	---	---	194
1945	---	---	---	---	2.95	2.60	2.18	2.03	2.06	2.36	---	---	---	194
1946	---	---	---	---	2.55	2.30	2.02	1.97	1.82	1.94	---	---	---	194
1947	---	---	---	---	3.78	3.67	2.71	---	2.09	1.99	---	---	---	194
1948	---	---	---	---	2.70	2.31	2.10	2.01	1.91	1.88	---	---	---	194
1949	---	---	---	---	2.58	2.13	1.98	1.83	1.78	1.69	---	---	---	194
1950	---	---	---	---	2.53	2.30	2.06	1.93	1.87	1.85	---	---	---	195
1951	---	---	---	---	3.02	2.34	2.27	2.09	1.98	2.11	---	---	---	195
1952	---	---	---	---	---	2.75	2.22	2.19	2.06	2.10	---	---	---	195
1953	---	---	---	---	2.72	2.21	2.05	1.94	1.89	1.86	---	---	---	195
1954	---	---	---	---	3.00	---	---	---	2.11	---	---	---	---	195
1955	---	---	---	---	---	2.35	---	1.99	1.86	1.96	---	---	---	195
1956	---	---	---	---	---	---	2.21	2.10	2.16	2.07	---	---	---	195
1957	---	---	---	---	---	2.19	2.44	---	1.99	1.96	---	---	---	195
1958	---	---	---	---	2.34	2.23	2.14	---	---	---	---	---	---	195
1959	---	---	---	---	---	---	1.98	---	---	---	---	---	---	195
1960	---	---	2.42	---	---	---	2.35	2.14	---	1.85	---	---	---	196
1961	---	2.03	2.21	---	---	2.33	2.01	2.06	---	2.03	---	---	---	196
1962	---	---	---	---	2.43	1.91	---	---	1.84	1.94	---	1.78	---	196
1963	1.80	1.69	---	---	---	---	1.79	1.81	1.81	1.81	2.20	1.91	---	196
1964	1.97	1.88	2.15	2.23	2.12	1.95	---	---	---	1.80	1.72	---	---	196
1965	1.80	---	1.90	2.09	2.20	1.88	1.74	1.80	1.78	2.13	2.23	2.11	---	196
1966	2.18	2.13	2.51	2.59	2.38	2.14	1.86	1.92	1.86	1.85	1.98	---	---	196
1967	---	---	---	2.77	2.71	---	2.14	---	1.90	2.28	---	---	---	196
1968	2.60	2.21	2.48	2.91	2.30	2.05	2.03	1.94	2.02	2.00	2.18	2.03	2.23	196
1969	2.03	2.37	2.23	2.97	3.07	2.47	---	2.23	2.16	1.97	2.32	---	---	196
1970	---	2.03	2.10	2.83	2.87	2.36	2.21	2.17	2.13	---	2.24	2.34	---	197
1971	2.07	2.30	2.40	2.99	3.20	2.25	1.97	1.97	2.07	2.02	2.02	2.01	2.27	197
1972	1.84	1.92	2.37	2.92	3.44	2.83	2.70	2.56	2.37	2.42	---	2.43	---	197
1973	2.27	2.51	---	---	---	2.78	2.60	2.47	2.30	2.34	2.20	2.27	---	197
1974	2.19	2.27	2.67	3.29	3.88	3.23	2.63	2.32	2.18	2.10	2.41	2.50	2.64	197
1975	2.26	2.11	2.53	3.01	2.99	2.53	2.08	2.01	---	---	2.33	---	---	197
MOYEN	2.09	2.12	2.33	2.78	2.79	2.39	2.16	2.05	1.96	1.97	2.17	2.15	2.38	MOYE

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .04 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 35 07
LONG 072 02 20

REGULARISE

SAINT-LAURENT (FLEUVE) A GROSDINES - STATION NO. 02PC005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1934	---	---	---	1934
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	---	---	1937
1938	---	---	---	1938
1939	---	---	---	1939
1940	---	---	---	1940
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	3.71 LE 21 JAN	1.24 LE 27 DEC *	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	4.21 LE 25 AVR	1.50 LE 12 DEC	1972
1973	---	---	---	1973
1974	---	4.29 LE 25 MAI *	1.48 LE 02 FEV	1974
1975	---	---	---	1975

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .04 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A LA PRAIRIE - STATION NO. 020A041

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	---	---	---	---	---	---	10.39	10.26	---	1967
1968	10.81	10.40	10.03	10.34	9.94	9.82	9.95	9.97	10.02	9.94	9.92	9.98	10.09	1968
1969	10.27	10.23	10.07	10.47	10.47	10.32	10.26	10.25	10.11	9.94	9.99	9.96	10.19	1969
1970	10.22	9.99	9.87	10.17	10.24	10.04	10.06	10.07	9.97	---	10.06	10.11	---	1970
1971	10.19	10.16	10.02	10.57	10.60	10.08	9.93	9.92	9.95	9.89	9.79	9.80	10.07	1971
1972	9.90	10.05	10.02	10.50	10.82	10.45	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	10.37	10.34	10.23	---	---	1973
1974	10.25	10.25	10.47	10.83	11.17	10.82	10.55	10.40	---	10.24	10.18	10.23	---	1974
1975	10.08	---	---	10.60	---	10.37	10.14	---	---	---	10.16	10.14R	---	1975
1976	10.34	10.39	10.65	11.09	10.85	10.56	10.53	10.37	10.26	10.27	10.18	---	---	1976
1977	---	---	10.24	10.52	10.72	---	9.82	---	10.04	10.31	10.26	---	---	1977
1978	---	---	10.32	10.71	10.59	---	---	10.00	9.96	9.94	9.82	---	---	1978
1979	10.01	10.16	10.32	---	---	---	10.08	10.03	10.13	10.24	10.30	10.30	---	1979
1980	10.14	---	10.03	---	---	---	---	---	---	10.24	10.22	10.12	---	1980
1981	10.20	---	---	---	---	10.07	---	10.10	10.30	---	10.35	10.21	---	1981
1982	---	---	10.06	10.42	10.28	10.16	10.13	10.02	9.97	9.93	10.04	10.18	---	1982
1983	---	10.07	10.21	10.37	10.71	10.46	10.08	10.02	10.01	10.00	10.08	---	---	1983
1984	---	10.16	10.20	10.64	---	---	---	10.23	---	9.96	10.03	10.06	---	1984
1985	10.24	10.18	10.36	10.53	---	---	---	---	---	10.12	---	---	---	1985
1986	10.17	10.38	10.35	---	---	---	---	10.41	---	10.44	10.45	---	---	1986
1987	10.22	10.15	10.40	---	10.28	10.24	---	---	9.95	9.94	9.82	10.08	---	1987
1988	---	---	9.96	10.24	9.99	9.79	---	9.79	---	9.91	---	---	---	1988
1989	9.87	9.84	9.72	9.83	9.93	10.10	10.03	---	---	9.81	10.03	10.14	---	1989
1990	9.98	10.10	10.18	10.37	10.29	10.14	10.03	---	---	9.99	10.04	10.11	---	1990
MOYEN	10.18	10.17	10.17	10.48	10.43	10.23	10.12	10.11	10.08	10.08	10.11	10.12	10.12	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 27 52
LONG 073 31 12 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A LA PRAIRIE - STATION NO. 020A041

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE		NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	10.53 LE 16 NOV A 2:10 HNE		---	---	1967
1968	12.28 LE 19 JAN A 5:32 HNE	*	12.15 LE 19 JAN *	9.67 LE 23 DEC	1968
1969	10.75 LE 24 AVR A 22:49 HNE		10.71 LE 24 AVR	9.79 LE 25 DEC	1969
1970	10.48 LE 06 MAI A 7:40 HNE		---	---	1970
1971	11.31 LE 23 AVR A 7:15 HNE		11.28 LE 23 AVR	9.83 LE 06 DEC *	1971
1972	11.20 LE 07 MAI A 7:20 HNE		---	---	1972
1973	10.94 LE 12 FEV A 15:10 HNE		---	---	1973
1974	11.41 LE 24 MAI A 1:10 HNE		---	---	1974
1975	11.21R LE 21 AVR A 21:50 HNE		---	---	1975
1976	11.73 LE 02 AVR A 11:42 HNE		---	---	1976
1977	11.01 LE 16 MAR A 20:18 HNE		---	---	1977
1978	11.16 LE 15 AVR		---	---	1978
1979	11.00 LE 26 MAR A 23:55 HNE		---	---	1979
1980	10.51 LE 07 JAN A 17:42 HNE		---	---	1980
1981	---		---	---	1981
1982	10.69 LE 29 AVR A 21:57 HNE		10.68 LE 29 AVR	9.76 LE 12 JAN	1982
1983	11.05 LE 12 MAI A 10:35 HNE		11.03 LE 12 MAI	9.84 LE 16 FEV	1983
1984	10.95 LE 18 AVR A 18:20 HNE		10.90 LE 07 AVR	9.80 LE 08 JAN	1984
1985	10.77 LE 06 MAI A 14:40 HNE		10.74 LE 30 AVR	---	1985
1986	10.83 LE 27 MAI A 3:55 HNE		10.81 LE 27 MAI	9.91 LE 13 JAN	1986
1987	10.63 LE 29 MAR A 2:55 HNE		---	9.66 LE 24 JAN	1987
1988	10.52 LE 01 MAI A 7:15 HNE		---	---	1988
1989	10.41 LE 20 DEC A 08:42 HNE		---	---	1989
1990	10.70 LE 05 AVR A 15:05 HNE		10.65 LE 05 AVR	---	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 01 1988

SAINT-LAURENT (FLEUVE) A LACHINE - STATION NO. 020A040

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1919	20.83	20.58	20.65	21.23	21.78	21.44	20.87	20.65	20.59	20.62	20.75	20.81	20.90	1919
1920	20.73	20.29	20.40	20.99	20.88	20.52	20.47	20.35	20.25	20.19	20.22	20.48	20.48	1920
1921	20.58	20.40	20.69	21.19	21.13	20.68	20.47	20.34	20.19	20.16	20.12	20.33	20.44	1921
1922	20.67	20.22	20.43	21.41	21.35	20.89	20.74	20.51	20.35	20.24	20.14	20.22	20.60	1922
1923	20.31	20.18	19.97	20.71	21.36	20.91	20.47	20.26	20.19	20.02	20.03	20.20	20.39	1923
1924	20.49	20.40	20.27	21.03	21.43	20.99	20.61	20.44	20.33	20.40	20.24	20.44	20.59	1924
1925	20.17	20.11	20.62	21.04	20.92	20.72	20.45	20.26	20.09	20.07	20.23	20.41	20.43	1925
1926	20.41	20.11	19.98	20.70	21.02	20.87	20.54	20.27	20.16	20.21	20.61	20.76	20.48	1926
1927	20.72	20.42	20.71	20.80	20.82	20.96	20.69	20.54	20.27	20.24	20.61	20.79	20.62	1927
1928	20.84	20.77	20.66	21.55	21.80	21.33	20.90	20.72	20.60	20.82	20.92	20.70	20.98	1928
1929	20.91	20.84	20.96	21.55	22.00	21.39	21.14	20.89	20.72	20.83	20.69	20.70	21.04	1929
1930	21.03	20.98	20.95	21.28	21.29	21.25	21.21	20.82	20.61	20.48	20.34	20.26	20.87	1930
1931	20.38	20.26	20.11	20.48	20.50	20.42	20.23	20.10	20.01	19.94	19.96	20.02	20.20	1931
1932	20.24	20.55	20.35	21.13	20.85	20.57	20.47	20.38	20.38	20.47	20.66	20.40	20.54	1932
1933	20.33	20.23	20.13	21.17	21.09	20.56	20.25	20.13	19.99	19.88	19.76	19.98	20.29	1933
1934	19.84	19.93	20.03	21.01	20.95	20.38	20.07	19.77	19.69	19.69	19.62	19.98	20.08	1934
1935	20.17	20.01	20.13	20.37	20.33	20.17	20.19	19.99	19.84	19.76	19.77	19.87	20.05	1935
1936	20.06	19.83	20.37	20.88	21.30	20.73	20.21	19.97	19.93	20.05	20.19	20.05	20.30	1936
1937	20.54	20.54	20.43	20.87	21.13	20.67	20.45	20.39	20.25	20.20	20.49	20.49	20.54	1937
1938	20.44	20.56	20.68	21.31	21.10	20.64	20.35	20.34	20.26	20.23	20.15	20.14	20.52	1938
1939	20.42	20.26	20.17	20.94	21.27	20.81	20.57	20.45	20.21	20.16	20.11	20.09	20.46	1939
1940	20.32	20.14	19.96	20.70	20.80	20.91	20.62	20.32	20.24	20.12	20.14	20.28	20.38	1940
1941	20.64	20.39	20.15	20.91	20.63	20.28	20.18	20.09	20.03	20.11	20.28	20.17	20.32	1941
1942	20.45	20.33	20.41	20.97	20.81	20.70	20.40	20.31	20.23	20.19	20.26	20.41	20.46	1942
1943	20.76	20.67	20.73	21.17	21.06	21.40	21.08	20.89	20.78	20.63	20.71	20.76	20.96	1943
1944	20.87	20.62	20.51	20.73	20.98	20.69	20.61	20.50	20.43	20.35	20.23	20.36	20.57	1944
1945	20.42	20.53	20.80	21.16	21.24	21.14	20.82	20.68	20.64	20.86	20.81	20.89	20.83	1945
1946	20.99	20.84	21.03	21.02	20.88	20.86	20.58	20.50	20.40	20.43	20.54	20.58	20.72	1946
1947	20.89	20.89	20.64	21.54	22.02	22.10	21.38	21.01	20.83	20.68	20.59	20.70	21.10	1947
1948	20.73	20.50	20.83	21.22	21.16	20.98	20.80	20.62	20.52	20.39	20.40	20.37	20.72	1948
1949	20.62	20.75	20.78	21.30	21.02	20.65	20.53	20.27	20.21	20.15	20.07	20.19	20.54	1949
1950	20.58	---	20.61	21.21	21.05	20.89	20.72	20.57	20.49	20.42	20.53	20.71	---	1950
1951	21.04	20.74	21.10	22.10	21.48	21.04	21.09	20.81	20.74	20.70	20.96	21.01	21.07	1951
1952	21.18	21.05	21.07	21.69	21.58	21.38	21.08	20.96	20.80	20.75	20.59	20.77	21.07	1952
1953	20.92	20.96	---	21.47	21.17	20.91	20.78	20.65	20.56	20.44	20.36	20.41	---	1953
1954	20.65	20.64	20.92	21.50	21.26	21.09	20.84	20.65	20.64	20.91	20.92	20.89	20.91	1954
1955	21.09	20.81	21.02	21.83	21.21	20.94	20.74	20.61	20.52	20.55	20.77	20.74	20.90	1955
1956	20.79	20.61	20.84	21.14	20.47	21.11	20.84	20.74	20.80	20.73	20.55	20.53	20.81	1956
1957	20.95	20.73	20.72	20.73	20.74	20.66	20.92	20.53	20.49	20.45	20.53	20.57	20.67	1957
1958	20.76	---	20.56	21.02	20.59	20.51	20.48	20.36	20.34	20.39	20.35	20.61	---	1958
1959	20.32	20.35	20.29	21.14	21.00	20.79	20.61	20.38	20.28	20.20	20.42	20.61	20.54	1959
1960	20.89	20.71	20.66	21.59	21.71	21.18	21.13	20.85	20.47	20.15	20.22	20.34	20.82	1960
1961	20.82	20.52	20.40	20.70	20.93	21.07	20.93	20.72	20.64	20.48	20.29	---	---	1961
1962	---	---	20.37	20.65	20.51	20.30	20.23	20.26	20.22	20.23	20.24	20.31	---	1962
1963	20.60	20.51	20.21	20.62	20.22	20.19	20.17	20.20	20.20	20.10	20.19	20.54	20.32	1963
1964	20.64	20.42	20.26	20.25	20.13	20.13	20.08	20.09	20.07	20.08	20.04	20.07	20.19	1964
1965	20.40	20.34	---	20.15	20.18	20.00	20.04	20.17	20.25	20.56	20.53	20.62	---	1965
1966	20.89	20.79	20.94	20.93	20.58	20.46	20.32	20.35	20.31	20.29	20.38	20.78	20.58	1966
1967	20.77	20.94	20.45	21.03	20.91	20.70	20.58	20.46	20.48	20.81	21.36	21.18	20.80	1967
1968	21.09	21.07	20.90	21.29	20.76	20.59	20.77	20.76	20.83	20.74	20.70	20.77	20.85	1968
1969	21.07	20.99	20.90	21.43	21.44	21.30	21.18	21.14	20.91	20.69	20.79	20.76	21.05	1969
1970	20.95	20.79	20.64	21.03	21.14	20.90	20.91	20.90	20.77	20.84	20.92	20.98	20.90	1970
1971	21.04	20.94	20.92	21.26	21.61	20.98	20.75	20.71	20.74	20.68	20.53	20.53	20.91	1971
1972	20.71	20.86	20.85	21.27	21.83	21.45	21.52	21.42	21.32	21.28	21.36	21.15	21.27	1972
1973	21.15	21.34	21.74	21.91	21.88	21.77	21.63	21.36	21.27	21.24	21.13	21.00	21.45	1973
1974	21.18	21.22	21.45	21.86	22.17	21.88	21.59	21.37	21.21	21.14	21.06	21.13	21.44	1974
1975	20.95	20.95	21.22	21.59	21.54	21.34	---	20.88	20.90	21.00	21.07	21.04R	---	1975
1976	---	21.16	21.52	22.10	21.92	21.63	---	---	21.18	21.19	21.08	20.89	---	1976
1977	21.10	---	21.10	21.52	21.17	20.73	20.60	20.68	20.87	21.26	21.20	21.11	---	1977
1978	---	21.55	21.29	21.76	21.96	21.25	20.99	20.87	---	---	20.62	20.48	---	1978
1979	20.89	21.07	21.27	21.64	21.76	21.25	20.95	20.86	21.01	21.21	21.29	21.39	21.22	1979
1980	21.09	21.01	20.97	21.47	---	21.08	---	---	21.12	---	21.17	---	---	1980
1981	21.02	21.14	21.25	21.43	21.01	20.99	20.86	20.97	21.22	21.29	21.32	21.18	21.14	1981
1982	21.05	21.11	20.94	21.41	21.25	21.07	21.00	---	20.80	20.82	20.90	21.11	---	1982
1983	20.88	20.97	21.14	21.35	---	21.46	20.97	---	20.84	20.82	20.94	21.14	---	1983
1984	---	21.16	21.22	21.66	21.52	---	21.29	21.20	21.10	20.83	20.90	20.95	---	1984
1985	21.10	21.10	21.37	---	21.58	21.20	---	21.12	21.06	21.01	21.04	---	---	1985
1986	---	21.35	21.34	21.69	21.62	21.49	---	21.39	21.35	21.44	21.49	21.43	---	1986
1987	21.20	21.22	21.44	21.63	21.30	21.22	21.13	---	20.82	20.80	---	20.98	---	1987
1988	20.88	21.08	20.86	21.19	---	20.60	20.46	---	---	20.73	21.14	20.84	---	1988
1989	20.74	20.76	20.55	20.65	20.81	21.02	20.91	20.74	20.65	20.61	20.90	20.99	20.78	1989
1990	20.86	21.05	21.14	21.39	21.29	21.12	20.94	20.76	20.65	20.85	20.94	21.03	21.00	1990
MOYEN	20.73	20.69	20.73	21.20	21.18	20.93	20.72	20.60	20.55	20.53	20.58	20.63	20.71	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 25 52
LONG 073 40 16 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A LACHINE - STATION NO. 020A040

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1919	---	22.05 LE 27 MAI	20.35 LE 17 FEV	1919
1920	21.24 LE 29 MAR A 21:00 HNE	21.20 LE 28 MAR	19.89 LE 07 MAR	1920
1921	21.40 LE 09 MAI A 11:00 HNE	21.18 LE 09 MAI	20.03 LE 02 NOV	1921
1922	22.11 LE 20 AVR A 20:00 HNE	22.02 LE 21 AVR	19.85 LE 24 FEV	1922
1923	21.54 LE 24 MAI A 17:15 HNE	21.46 LE 24 MAI	19.74 LE 03 MAR	1923
1924	21.82 LE 19 MAI A 5:03 HNE	21.73 LE 19 MAI	19.96 LE 06 MAR	1924
1925	21.37 LE 30 MAR A 21:25 HNE	21.34 LE 30 MAR	19.78 LE 11 FEV	1925
1926	21.64 LE 26 AVR A 21:54 HNE	21.57 LE 26 AVR	19.82 LE 18 MAR	1926
1927	21.35 LE 20 MAR A 14:27 HNE	21.35 LE 20 MAR	20.10 LE 21 FEV	1927
1928	22.10 LE 10 AVR	22.09 LE 10 AVR	20.40 LE 23 MAR	1928
1929	22.31 LE 16 MAI A 14:47 HNE	22.19 LE 09 MAI	20.45 LE 28 FEV	1929
1930	21.54 LE 09 AVR A 17:18 HNE	21.53 LE 09 AVR	20.17 LE 25 DEC	1930
1931	20.71 LE 30 AVR A 12:22 HNE	20.68 LE 30 AVR	19.86 LE 10 MAR	1931
1932	21.69 LE 13 AVR A 16:46 HNE	21.65 LE 14 AVR	19.95 LE 02 JAN	1932
1933	21.51 LE 20 AVR A 10:20 HNE	21.47 LE 20 AVR	19.69 LE 07 NOV	1933
1934	21.65 LE 13 AVR A 23:51 HNE	21.61 LE 14 AVR	19.52 LE 11 NOV *	1934
1935	20.67 LE 02 MAI A 16:00 HNE	20.63 LE 20 AVR	19.63 LE 22 OCT	1935
1936	21.80 LE 20 MAI A 1:00 HNE	21.70 LE 20 MAI	19.64 LE 19 FEV	1936
1937	21.65 LE 08 AVR	21.60 LE 08 AVR	20.06 LE 17 OCT	1937
1938	21.87 LE 27 MAR	21.81 LE 26 MAR	19.95 LE 26 DEC	1938
1939	21.61 LE 24 AVR A 22:18 HNE	21.54 LE 25 AVR	19.90 LE 08 JAN	1939
1940	21.20 LE 05 JUN A 23:03 HNE	21.15 LE 05 JUN	19.78 LE 03 MAR	1940
1941	21.39 LE 29 AVR A 17:47 HNE	21.33 LE 29 AVR	19.91 LE 16 MAR	1941
1942	21.59 LE 20 AVR A 21:33 HNE	21.24 LE 20 AVR	19.94 LE 01 MAR	1942
1943	22.53 LE 13 MAI A 22:53 HNE	22.48 LE 14 MAI *	20.19 LE 22 JAN	1943
1944	21.30 LE 26 AVR A 22:00 HNE	21.23 LE 15 MAI	20.12 LE 17 NOV	1944
1945	21.87 LE 05 AVR A 13:02 HNE	21.76 LE 05 AVR	19.96 LE 18 JAN	1945
1946	21.52 LE 16 MAR A 22:24 HNE	21.43 LE 16 MAR	20.28 LE 10 OCT	1946
1947	22.45 LE 04 JUN A 22:40 HNE	22.35 LE 04 JUN	20.43 LE 09 MAR	1947
1948	21.65 LE 22 MAR A 21:23 HNE	21.57 LE 23 MAR	20.25 LE 31 JAN	1948
1949	21.58 LE 07 AVR A 21:46 HNE	21.50 LE 08 AVR	19.95 LE 13 NOV	1949
1950	21.67 LE 06 AVR A 23:34 HNE	---	---	1950
1951	22.53 LE 17 AVR A 20:19 HNE	22.47 LE 17 AVR	20.58 LE 03 OCT	1951
1952	22.08 LE 07 AVR	22.05 LE 07 AVR	20.47 LE 18 NOV	1952
1953	21.86 LE 31 MAR A 21:35 HNE	---	---	1953
1954	22.06 LE 18 AVR A 14:24 HNE	21.96 LE 18 AVR	20.27 LE 01 JAN	1954
1955	22.18 LE 07 AVR A 17:19 HNE	22.07 LE 23 AVR	20.37 LE 15 OCT	1955
1956	21.57 LE 17 AVR A 19:50 HNE	21.50 LE 01 MAI	20.24 LE 31 DEC	1956
1957	21.31 LE 06 JUL A 13:42 HNE	21.24 LE 06 JUL	20.33 LE 05 OCT	1957
1958	21.34 LE 30 MAR A 20:30 HNE	---	---	1958
1959	21.45 LE 11 AVR A 18:03 HNE	21.37 LE 10 AVR	20.06 LE 04 MAR	1959
1960	22.01 LE 19 MAI A 11:20 HNE	21.97 LE 17 MAI	20.02 LE 18 OCT	1960
1961	21.24 LE 28 MAI A 15:22 HNE	---	---	1961
1962	21.30 LE 09 AVR A 22:44 HNE	---	---	1962
1963	21.35 LE 05 AVR A 12:29 HNE	21.31 LE 05 AVR	19.93 LE 25 MAR	1963
1964	21.12 LE 15 JAN A 21:20 HNE	21.06 LE 15 JAN	19.86 LE 20 DEC	1964
1965	20.88 LE 31 DEC A 23:59 HNE	---	---	1965
1966	21.34 LE 15 JAN A 5:23 HNE	21.27 LE 15 JAN	20.20 LE 09 OCT	1966
1967	21.53 LE 16 NOV A 5:55 HNE	21.49 LE 16 NOV	20.02 LE 26 MAR	1967
1968	21.66 LE 04 AVR A 23:20 HNE	21.58 LE 02 AVR	20.32 LE 25 DEC	1968
1969	21.78 LE 24 AVR A 22:45 HNE	21.72 LE 24 AVR	20.53 LE 25 DEC	1969
1970	21.41 LE 07 MAI A 13:48 HNE	21.35 LE 06 MAI	20.26 LE 22 MAR	1970
1971	22.36 LE 23 AVR	22.31 LE 22 AVR	20.32 LE 06 DEC	1971
1972	22.25 LE 06 MAI A 21:45 HNE	22.20 LE 07 MAI	20.44 LE 14 FEV	1972
1973	22.42 LE 19 MAR A 5:30 HNE	22.38 LE 19 MAR	20.69 LE 27 DEC	1973
1974	22.49 LE 24 MAI A 14:01 HNE	22.38 LE 23 MAI	20.87 LE 01 FEV	1974
1975	22.34 LE 21 AVR A 17:29 HNE	---	---	1975
1976	22.60 LE 03 AVR A 2:52 HNE *	---	---	1976
1977	22.00 LE 16 MAR A 18:58 HNE	---	---	1977
1978	22.30 LE 14 AVR A 17:42 HNE	---	---	1978
1979	22.10 LE 26 MAR A 21:30 HNE	22.00 LE 02 MAI	20.48 LE 28 JAN	1979
1980	21.81 LE 17 AVR A 3:45 HNE	---	---	1980
1981	21.90 LE 26 FEV A 04:55 HNE	21.86 LE 26 FEV	20.56 LE 01 JAN	1981
1982	21.76 LE 29 AVR A 9:25 HNE	21.72 LE 29 AVR	20.57 LE 12 JAN	1982
1983	22.08 LE 12 MAI A 07:35 HNE	22.03 LE 12 MAI	20.61 LE 26 JAN	1983
1984	22.04 LE 07 AVR A 11:21 HNE	22.00 LE 07 AVR	20.65 LE 06 JAN	1984
1985	21.90 LE 06 MAI A 10:10 HNE	21.84 LE 06 MAI	20.40 LE 25 DEC	1985
1986	21.93 LE 27 MAI A 10:42 HNE	21.88 LE 27 MAI	20.70 LE 13 JAN	1986
1987	21.96 LE 27 MAR A 11:27 HNE	21.93 LE 27 MAR	20.45 LE 24 JAN	1987
1988	21.57 LE 01 MAI A 4:27 HNE	---	---	1988
1989	21.33 LE 19 DEC A 11:45 HNE	21.27 LE 19 DEC	20.19 LE 15 MAR	1989
1990	21.83 LE 05 AVR A 13:25 HNE	21.75 LE 05 AVR	20.54 LE 25 SEP	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A LASALLE - STATION NO. 02OA016

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1933	0.910	0.773	0.719	1.614	1.549	1.117	0.853	0.753	0.636	0.541	0.445	0.611	0.877	1933
1934	0.527	0.690	0.682	1.468	1.427	0.968	0.715	0.487	0.395	0.391	0.347	0.610	0.723	1934
1935	0.808	0.628	0.775	0.946	0.930	0.779	0.802	0.649	0.519	0.470	0.445	0.497	0.698	1935
1936	0.643	0.477	0.917	1.385	1.714	1.253	0.826	0.626	0.485	0.401	0.805	0.616	0.876	1936
1937	0.995	0.982	0.949	1.340	1.511	1.197	1.028	0.973	0.850	0.906	1.045	0.970	1.059	1937
1938	1.066	0.961	1.150	1.705	1.541	1.168	0.958	0.919	0.848	0.835	0.947	0.739	1.053	1938
1939	0.946	0.773	0.712	1.401	1.674	1.303	1.110	1.020	0.811	0.767	0.732	0.674	0.995	1939
1940	0.836	0.670	0.571	1.189	1.246	1.338	1.110	0.859	0.792	0.694	0.698	0.778	0.898	1940
1941	0.980	0.787	0.647	1.299	1.000	0.786	0.717	0.645	0.591	0.548	0.807	0.687	0.806	1941
1942	0.851	0.766	0.896	1.342	1.225	1.142	0.898	0.832	0.758	0.719	0.776	0.834	0.920	1942
1943	1.125	1.097	1.134	1.493	2.051	1.750	1.441	1.283	1.196	1.070	1.092	1.092	1.329	1943
1944	1.159	0.890	0.912	1.122	1.342	1.108	1.048	0.963	0.896	0.833	0.741	0.784	0.984	1944
1945	0.848	0.955	1.179	1.479	1.521	1.489	1.222	1.111	1.070	1.249	1.220	1.193	1.215	1945
1946	1.246	1.119	1.376	1.374	1.260	1.258	1.034	0.958	0.876	0.898	0.993	1.001	1.116	1946
1947	1.201	1.132	1.054	1.778	2.154	2.245	1.673	1.371	1.232	1.119	1.042	1.051	1.422	1947
1948	1.060	0.901	1.177	1.535	1.485	1.350	1.208	1.128	0.976	0.879	0.881	0.849	1.120	1948
1949	0.960	1.086	1.140	1.590	1.383	1.079	0.983	0.771	0.719	0.673	0.605	0.702	0.973	1949
1950	0.910	0.905	0.977	1.524	1.373	1.225	1.090	0.971	0.901	0.850	0.924	1.046	1.058	1950
1951	1.154	1.004	1.364	2.203	1.726	1.593	1.428	1.207	1.137	1.109	1.317	1.276	1.361	1951
1952	1.333	1.320	1.368	1.872	1.790	1.660	1.411	1.306	1.171	1.153	1.022	1.162	1.300	1952
1953	1.169	1.232	1.389	1.721	1.480	1.278	1.163	1.066	1.008	0.901	0.948	0.865	1.178	1953
1954	0.977	0.982	1.262	1.734	1.551	1.438	1.221	1.063	1.049	1.269	1.284	1.242	1.257	1954
1955	1.242	1.103	1.334	2.002	1.521	1.300	1.146	1.041	0.974	0.979	1.160	1.071	1.240	1955
1956	1.048	0.981	0.992	1.435	1.548	1.434	1.219	1.121	1.163	1.088	0.937	0.912	1.155	1956
1957	1.129	0.985	1.057	1.061	1.082	1.017	1.204	0.903	0.877	0.841	0.900	0.928	0.999	1957
1958	0.988	0.903	0.923	1.304	0.975	0.915	0.889	0.787	0.766	0.796	0.778	0.885	0.902	1958
1959	0.660	0.707	0.705	1.412	1.293	1.143	0.989	0.800	0.714	0.662	0.839	0.974	0.909	1959
1960	1.070	0.976	0.959	1.749	1.853	1.437	1.396	1.157	0.843	0.581	0.643	0.691	1.113	1960
1961	0.988	0.848	0.763	1.030	1.210	1.349	1.223	1.043	0.989	0.868	0.710	0.784	0.985	1961
1962	0.866	0.843	0.744	0.990	0.873	0.717	0.650	0.675	0.641	0.639	0.674	0.661	0.745	1962
1963	0.836	0.764	0.589	0.944	0.926	0.612	0.605	0.621	0.625	0.601	0.770	0.842	0.690	1963
1964	0.921	0.719	0.649	0.640	0.546	0.568	0.516	0.526	0.513	0.518	0.[illegible]	0.490	0.590	1964
1965	0.643	0.639	0.387	0.564	0.590	0.449	0.478	0.583	0.650	0.904	0.880	0.936	0.642	1965
1966	1.048	0.997	1.190	1.195	0.924	0.827	0.705	0.730	0.705	0.688	0.757	1.058	0.902	1966
1967	0.966	1.076	0.777	1.269	1.187	1.024	0.923	0.824	0.841	1.113	1.551	1.409	1.079	1967
1968	1.184	1.201	1.141	1.478	1.065	0.931	1.082	1.078	1.133	1.058	1.034	1.030	1.117	1968
1969	1.226	1.181	1.146	1.600	1.613	1.497	1.411	1.379	1.200	1.032	1.113	1.059	1.288	1969
1970	1.083	1.013	0.965	1.289	1.381	1.196	1.197	1.193	1.087	1.150	1.214	1.219	1.166	1970
1971	1.196	1.153	1.185	1.688	1.742	1.261	1.075	1.039	1.067	1.016	0.897	0.881	1.183	1971
1972	0.914	1.009	1.104	1.638	1.921	1.624	1.683	1.602	1.524	1.492	1.559	1.308	1.449	1972
1973	1.267	1.426	1.834	1.980	1.963	1.879	1.764	1.547	1.479	1.456	1.374	1.245	1.602	1973
1974	1.314	1.349	1.585	1.937	2.195	1.973	1.736	1.560	1.428	1.378	1.318	1.379	1.597	1974
1975	1.187	1.115	1.423	1.731	1.684	1.546	1.280	1.171	1.192	1.282	1.327	1.240	1.349	1975
1976	1.184	1.307	1.627	2.138	2.005	1.781	1.726	1.536	1.420	1.422	1.338	1.046	1.444	1976
1977	1.300	0.919	1.362	1.668	1.400	1.076	0.959	0.996	1.168	1.492	1.444	1.265	1.245	1977
1978	1.369	1.500	1.444	1.855	1.780	1.497	1.289	1.213	1.149	1.132	0.983	0.802	1.333	1978
MOYEN	1.031	0.975	1.048	1.472	1.437	1.248	1.110	1.001	0.938	0.929	0.943	0.944	1.090	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 17.670 m POUR OBTENIR LES COTES INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 24 54
LONG 073 37 25 REGULARISE

REMAQUES - LA VILLE DE MONTREAL A RECUEILLE DES DONNEES SUPPLEMENTAIRES SUR LES NIVEAX D'EAU DE 1880 A 1932

SAINT-LAURENT (FLEUVE) A LASALLE - STATION NO. 02OA016

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1933	1.870 LE 19 AVR A 17:00 HNE	1.872 LE 20 AVR	0.375 LE 27 NOV	1933
1934	1.991 LE 13 AVR A 23:49 HNE	1.951 LE 14 AVR	0.256 LE 11 NOV	1934
1935	1.186 LE 21 AVR A 00:21 HNE	1.171 LE 03 MAI	0.317 LE 23 DEC	1935
1936	2.070 LE 20 MAI A 01:15 HNE	2.024 LE 20 MAI	0.192 LE 20 FEV	1936
1937	1.991 LE 08 AVR A 00:24 HNE	1.945 LE 08 AVR	0.692 LE 17 OCT	1937
1938	2.174 LE 27 MAR A 01:42 HNE	2.128 LE 28 MAR	0.540 LE 06 MAR	1938
1939	1.948 LE 24 AVR A 22:00 HNE	1.893 LE 26 AVR	0.543 LE 08 JAN	1939
1940	1.558 LE 05 JUN A 23:18 HNE	1.524 LE 05 JUN	0.424 LE 03 MAR	1940
1941	1.686 LE 29 AVR A 18:00 HNE	1.646 LE 30 AVR	0.391 LE 16 FEV	1941
1942	1.607 LE 20 AVR A 22:25 HNE	1.567 LE 20 AVR	0.516 LE 02 MAR	1942
1943	2.588 LE 13 MAI A 24:00 HNE *	2.542 LE 14 MAI *	0.826 LE 09 MAR	1943
1944	1.601 LE 26 AVR A 22:41 HNE	1.540 LE 15 MAI	0.647 LE 17 NOV	1944
1945	2.030 LE 05 AVR A 18:06 HNE	1.948 LE 05 AVR	0.516 LE 19 JAN	1945
1946	1.780 LE 17 MAR A 01:21 HNE	1.704 LE 16 MAR	0.772 LE 17 OCT	1946
1947	2.472 LE 04 JUN A 18:18 HNE	2.430 LE 04 JUN	0.802 LE 24 FEV	1947
1948	1.890 LE 22 MAR A 23:55 HNE	1.829 LE 24 MAR	0.708 LE 01 FEV	1948
1949	1.811 LE 07 AVR A 24:00 HNE	1.756 LE 08 AVR	0.500 LE 13 NOV	1949
1950	1.902 LE 06 AVR A 20:47 HNE	1.838 LE 06 AVR	0.671 LE 01 JAN	1950
1951	2.533 LE 17 AVR A 19:00 HNE	2.497 LE 17 AVR	0.759 LE 03 FEV	1951
1952	2.174 LE 07 AVR A 05:00 HNE	2.164 LE 07 AVR	0.927 LE 19 NOV	1952
1953	2.027 LE 28 MAR A 21:41 HNE	1.966 LE 01 AVR	0.772 LE 07 NOV	1953
1954	2.152 LE 18 AVR A 17:00 HNE	2.097 LE 18 AVR	0.704 LE 30 JAN	1954
1955	2.247 LE 07 AVR A 23:30 HNE	2.186 LE 24 AVR	0.854 LE 06 OCT	1955
1956	1.765 LE 17 AVR A 20:00 HNE	1.738 LE 01 MAI	0.628A LE 31 DEC	1956
1957	---	1.494 LE 06 JUL	0.720 LE 05 OCT	1957
1958	---	1.488 LE 05 AVR	0.696 LE 01 MAR	1958
1959	---	1.601A LE 11 AVR	0.476A LE 08 JAN	1959
1960	2.082 LE 20 MAI A 09:30 HNE	2.061 LE 17 MAI	0.473 LE 19 OCT	1960
1961	1.442 LE 17 JUN A 01:45 HNE	1.406 LE 17 JUN	0.558 LE 20 MAR	1961
1962	1.503 LE 10 AVR A 03:00 HNE	1.454 LE 10 AVR	0.516 LE 28 MAI	1962
1963	1.530 LE 05 AVR A 13:50 HNE	1.491 LE 05 AVR	0.372 LE 17 MAR	1963
1964	1.363 LE 02 JAN A 02:00 HNE	1.332 LE 02 JAN	0.278 LE 20 DEC	1964
1965	1.165 LE 31 DEC A 23:50 HNE	1.061 LE 25 OCT	0.156 LE 28 MAR *	1965
1966	1.470 LE 26 MAR A 06:05 HNE	1.430 LE 25 MAR	0.619 LE 09 OCT	1966
1967	1.683 LE 15 NOV A 20:10 HNE	1.662 LE 16 NOV	0.470 LE 26 MAR	1967
1968	1.726 LE 05 AVR A 06:59 HNE	1.713 LE 02 AVR	0.692 LE 25 DEC	1968
1969	1.866 LE 24 AVR A 22:30 HNE	1.826 LE 24 AVR	0.881 LE 25 DEC	1969
1970	1.564 LE 06 MAI A 16:25 HNE	1.555 LE 07 MAI	0.701 LE 22 MAR	1970
1971	2.311 LE 23 AVR A 19:05 HNE	2.292 LE 22 AVR	0.720 LE 06 DEC	1971
1972	2.222 LE 07 MAI A 00:30 HNE	2.213 LE 07 MAI	0.720 LE 02 JAN	1972
1973	2.375 LE 19 MAR A 05:00 HNE	2.347 LE 19 MAR	0.915 LE 25 DEC	1973
1974	2.384 LE 24 MAI A 13:56 HNE	2.350 LE 23 MAI	1.073 LE 01 FEV	1974
1975	2.286 LE 21 AVR A 16:47 HNE	2.259 LE 21 AVR	0.863 LE 27 JAN	1975
1976	2.542 LE 02 AVR A 07:58 HNE	2.521 LE 02 AVR	0.820 LE 24 DEC	1976
1977	2.049 LE 16 MAR A 18:45 HNE	2.015 LE 16 MAR	0.604 LE 27 FEV	1977
1978	---	2.180 LE 14 AVR	0.549 LE 20 DEC	1978

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 17.67 m POUR OBTENIR LES COTES INTERNATIONAL DES GRANDS LACS (1955)

A - JAUGE MANUELLE
(VOIR INDEX DE REFERENCE)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A LAVALTRIE - STATION NO. 02OB010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1961	---	---	---	---	---	5.13	4.97	4.72	4.70	4.54	4.26	4.58	---	1961
1962	5.89	---	5.16	---	5.12	4.37	4.22	4.24	4.13	4.24	4.41	4.73	---	1962
1963	5.62	5.42	5.13	5.79	4.76	4.24	4.10	4.13	4.25	4.14	4.53	4.80	4.74	1963
1964	5.52	5.20	5.09	4.84	4.50	4.23	4.12	4.03	---	3.96	---	---	---	1964
1965	4.99	5.15	4.60	4.45	4.55	---	3.96	4.20	4.42	5.04	4.93	5.01	---	1965
1966	5.08	6.14	---	5.52	5.07	4.75	4.42	4.56	4.48	4.42	4.64	5.34	---	1966
1967	5.36	6.80	5.64	5.95	5.67	5.15	4.91	4.57	4.51	5.10	5.78	5.60	5.41	1967
1968	6.45	5.88	5.74	6.18	5.13	4.75	4.86	4.73	4.82	4.70	4.85	5.16	5.27	1968
1969	6.15	5.66	5.36	6.28	6.30	5.56	5.30	5.19	4.95	4.69	5.16	5.23	5.49	1969
1970	5.44	5.30	5.08	5.85	6.00	5.24	5.09	5.01	4.82	4.97	5.06	5.53	5.28	1970
1971	5.99	6.17	5.82	6.57	6.49	5.15	4.67	4.68	4.81	4.67	4.55	4.73	5.34	1971
1972	5.01	5.34	5.67	6.23	6.86	5.09	4.88	5.68	5.40	5.45	5.72	5.82	5.75	1972
1973	6.38	6.33	6.83	6.70	6.64	6.07	5.79	5.45	5.28	5.32	5.17	5.42	5.95	1973
1974	5.47	5.45	6.02	6.68	7.49	6.55	5.75	5.35	5.10	5.03	5.25	---	---	1974
1975	---	5.43	5.70	6.20	---	5.52	4.90	4.74	4.77	4.99	5.16	---	---	1975
1976	---	---	6.59	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	---	6.09	5.68	6.56	6.24	---	---	---	---	---	5.34	---	---	1978
1979	5.20	5.26	5.85	6.40	6.45	5.46	4.98	4.82	4.72	4.76	4.56	4.53	---	1979
1980	5.27	5.11	5.21	5.91	5.63	4.97	5.02	4.93	5.17	5.29	5.43	5.67	5.51	1980
1981	5.89	5.95	5.78	6.09	5.53	5.37	4.94	5.16	5.21	5.37	5.32	5.26	5.29	1981
1982	5.08	5.55	5.20	6.05	5.66	---	4.86	5.09	5.27	5.36	5.54	5.51	5.50	1982
1983	5.10	5.43	5.57	5.95	5.93	5.94	4.95	4.70	4.69	4.64	4.86	5.26	---	1983
1984	5.12	5.43	5.57	6.45	5.91	5.66	5.44	5.24	4.75	4.74	5.21	5.37	---	1984
1985	---	5.70	---	6.04	6.02	5.18	5.09	5.19	5.07	4.72	4.83	4.97	5.37	1985
1986	---	5.42	5.52	---	5.74	5.55	5.39	5.48	4.99	4.97	5.04	4.97	---	1986
1987	---	5.24	5.58	6.17	5.17	5.18	5.01	4.75	5.45	---	5.46	5.44	---	1987
1988	---	---	---	---	---	---	4.36	4.57	4.67	4.68	4.62	5.11	---	1988
1989	4.85	4.80	4.69	5.23	5.35	5.27	4.82	4.63	4.54	4.87	5.59	5.00	---	1989
1990	5.36	5.35	5.52	5.93	5.68	5.21	4.96	4.79	4.51	4.54	5.03	5.22	4.91	1990
MOYEN	5.53	5.57	5.54	5.99	5.80	5.27	4.92	4.84	4.82	4.83	5.05	5.17	5.37	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 53 00
LONG 073 16 25 REGULARISE

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A LAVALTRIE - STATION NO. 020B010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1961	5.95 LE 05 MAI A 19:30 HNE	---	---	1961
1962	6.70 LE 16 JAN A 7:35 HNE	---	---	1962
1963	6.93 LE 06 AVR A 11:18 HNE	6.91 LE 06 AVR	3.90 LE 01 AOU *	1963
1964	6.010 LE 30 JAN A 10:35 HNE	---	---	1964
1965	5.62 LE 11 FEV A 14:13 HNE	---	---	1965
1966	7.48 LE 03 FEV A 6:30 HNE	---	---	1966
1967	7.47 LE 03 JAN A 7:20 HNE	7.28 LE 16 FEV	4.36 LE 21 SEP	1967
1968	7.68 LE 26 JAN A 15:45 HNE	7.66 LE 26 JAN	4.44 LE 16 OCT	1968
1969	7.26 LE 16 JAN A 7:01 HNE	7.24 LE 16 JAN	4.51 LE 19 OCT	1969
1970	6.73 LE 26 DEC A 14:55 HNE	6.69 LE 06 MAI	4.65 LE 13 SEP	1970
1971	7.64 LE 24 AVR A 14:45 HNE	7.60 LE 24 AVR	4.40 LE 11 DEC	1971
1972	7.43 LE 11 MAI	7.39 LE 10 MAI	4.78 LE 16 JAN	1972
1973	7.96 LE 19 MAR A 19:22 HNE	7.91 LE 19 MAR *	5.03 LE 05 NOV	1973
1974	7.84 LE 25 MAI A 19:37 HNE	---	---	1974
1975	7.14 LE 26 AVR A 23:40 HNE	---	---	1975
1976	8.07 LE 31 MAR A 6:30 HNE *	---	---	1976
1977	6.00 LE 19 OCT A 9:48 HNE	---	---	1977
1978	7.19 LE 22 AVR A 7:13 HNE	---	---	1978
1979	7.05 LE 02 MAI A 20:26 HNE	7.01 LE 02 MAI	4.74 LE 01 AOU	1979
1980	6.56 LE 17 AVR A 5:15 HNE	6.54 LE 17 AVR	4.71 LE 12 MAR	1980
1981	7.62 LE 10 JAN A 16:30 HNE	7.56 LE 10 JAN	4.69 LE 26 JUL	1981
1982	6.67 LE 29 AVR A 12:01 HNE	6.66 LE 29 AVR	4.37 LE 26 OCT	1982
1983	7.44 LE 12 MAI A 19:00 HNE	7.43 LE 12 MAI	4.57 LE 31 OCT	1983
1984	7.19 LE 19 AVR A 10:40 HNE	7.17 LE 19 AVR	4.44 LE 04 NOV	1984
1985	6.64 LE 04 MAI A 19:30 HNE	6.63 LE 04 MAI	4.49 LE 28 DEC	1985
1986	6.78 LE 03 AVR A 3:15 HNE	6.77 LE 02 AVR	4.68 LE 01 JAN	1986
1987	7.10 LE 02 AVR A 20:55 HNE	7.08 LE 02 AVR	4.40 LE 18 NOV	1987
1988	6.02 LE 10 NOV A 15:43 HNE	---	---	1988
1989	5.99 LE 31 MAR A 02:34 HNE	5.97 LE 31 MAR	4.27 LE 10 OCT	1989
1990	6.49 LE 29 AVR A 00:20 HNE	6.46 LE 30 AVR	4.37 LE 28 SEP	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A LONGUE-POINTE - STATION NO. 020A048

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	---	---	6.12	---	---	---	5.04	5.12	5.21	5.09	5.37	5.85	---	1963
1964	7.17	6.33	5.99	5.63	5.30	5.12	5.02	4.96	4.91	4.93	4.85	5.21	5.45	1964
1965	6.19	6.45	5.56	5.30	5.35	4.89	4.88	5.13	5.35	6.00	---	---	---	1965
MOYEN	6.68	6.39	5.89	5.47	5.33	5.01	4.98	5.07	5.16	5.34	5.11	5.53	5.45	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .07 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 34 58
LONG 073 30 26 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-LAURENT (FLEUVE) A LONGUE-POINTE - STATION NO. 020A048

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	---	---	1963
1964	---	8.07 LE 03 JAN *	4.63 LE 16 NOV *	1964
1965	---	---	---	1965

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .07 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A MONTREAL (JETEE NO. 1) - STATION NO. 020A046

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1970	6.80	6.66	6.47	7.14	7.26	6.58	6.52	6.48	6.23	6.37	6.46	6.88	6.66	1970
1971	7.38	7.90	7.28	7.81	7.94	6.53	6.08	6.10	6.20	6.07	5.89	6.05	6.75	1971
1972	6.36	6.65	7.09	7.67	8.26	7.33	7.40	7.21	6.96	6.97	7.22	7.18	7.19	1972
1973	7.66	7.70	8.30	8.21	8.14	7.69	7.44	7.04	6.88	6.89	6.71	6.84	7.46	1973
1974	6.92	6.95	7.59	8.15	8.07	8.06	7.35	6.97	6.68	6.60	6.71	6.86	7.31	1974
1975	6.69	6.86	7.16	7.66	7.53	7.02	6.43	6.27	6.29	6.49	6.61	6.80R	6.82R	1975
1976	8.13	8.04	8.21	8.75	8.12	7.36	7.30	7.00	6.73	6.79	6.60	6.41	7.45	1976
1977	6.71	6.31	7.17	7.65	6.91	6.13	5.89	6.02	6.34	6.99	6.80	6.93	6.66	1977
1978	7.37	7.67	7.21	7.96	7.64	6.81	6.43	6.27	6.16	6.17	5.92	5.81	6.78	1978
1979	6.47	6.63	7.26	7.80	7.91	6.92	6.44	6.37	6.62	6.83	6.96	7.18	6.95	1979
1980	6.68	6.51	6.59	7.35	7.10	6.45	6.50	6.67	6.76	6.88	6.82	6.57	6.75	1980
1981	7.40	7.51	7.19	7.46	6.80	6.70	6.35	6.54	6.84	6.91	7.03	6.71	6.95	1981
1982	6.46	6.67	6.62	7.41	7.02	6.45	6.35	6.15	6.15	6.08	6.31	6.71	6.57	1982
1983	6.45	6.66	6.90	7.31	8.12	7.32	6.39	6.31	6.23	6.20	6.58	6.76	6.77	1983
1984	6.48	6.86	7.07	7.89	7.34	7.13	6.90	6.75	6.58	6.16	6.28	6.44	6.82	1984
1985	6.97	7.04	7.20	7.50	7.46	6.66	6.63	6.69	6.50	6.44	6.51	6.46	6.84	1985
1986	6.56	6.94	7.06	7.79	7.46	7.12	6.97	7.07	7.03	7.10	7.04	---	---	1986
1987	6.64	6.67	7.12	7.63	6.70	6.68	5.52	6.21	6.08	6.09	5.94	6.49	6.56	1987
1988	6.27	6.52	6.22	7.14	6.49	5.88	5.66	5.88	5.87	6.21	6.96	6.34	6.28	1988
1989	6.15	6.28	6.07	6.38	6.54	6.63	6.26	6.05	5.89	5.87	6.37	6.48	6.25	1989
1990	6.65	6.73	6.89	7.28	7.02	6.60	6.36	6.13	5.95	6.43	6.51	6.73	6.60	1990
MOYEN	6.82	6.94	7.08	7.62	7.45	6.86	6.58	6.48	6.43	6.50	6.58	6.64	6.82	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 30 17
LONG 073 33 05 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A MONTREAL (JETEE NO. 1) - STATION NO. 020A046

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE		NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1970	8.00 LE 05 MAI A 22:55 HNE		7.89 LE 06 MAI		6.11 LE 13 SEP		1970
1971	9.58 LE 05 FEV A 11:21 HNE		9.15 LE 01 FEV		5.68 LE 11 DEC		1971
1972	8.87 LE 10 MAI A 6:00 HNE		8.83 LE 10 MAI		6.05 LE 16 JAN		1972
1973	9.38 LE 19 MAR A 17:00 HNE		9.33 LE 19 MAR		6.56 LE 19 NOV		1973
1974	9.20 LE 22 MAI A 24:00 HNE		9.18 LE 23 MAI		6.43 LE 29 OCT		1974
1975	8.67 LE 22 AVR A 2:00 HNE		8.60 LE 22 AVR		6.15 LE 21 AOU		1975
1976	10.29 LE 23 JAN A 8:00 HNE	*	9.82 LE 03 AVR	*	6.00 LE 06 DEC		1976
1977	8.54 LE 18 MAR A 15:00 HNE		8.46 LE 18 MAR		5.82 LE 11 JUL		1977
1978	8.96 LE 08 FEV A 13:00 HNE		8.65 LE 08 FEV		5.55 LE 20 DEC	*	1978
1979	8.46 LE 02 MAI A 15:00 HNE		8.42 LE 02 MAI		6.03 LE 11 JAN		1979
1980	8.01 LE 17 AVR A 7:45 HNE		7.96 LE 17 AVR		6.12 LE 12 MAR		1980
1981	9.86 LE 12 JAN A 18:15 HNE		9.55 LE 12 JAN		6.13 LE 25 JUL		1981
1982	8.04 LE 29 AVR A 10:00 HNE		8.01 LE 29 AVR		5.88 LE 25 OCT		1982
1983	8.76 LE 12 MAI A 09:00 HNE		8.72 LE 12 MAI		6.04 LE 31 OCT		1983
1984	8.60 LE 19 AVR A 1:15 HNE		8.51 LE 18 AVR		5.91 LE 04 NOV		1984
1985	8.08 LE 03 MAI A 1:15 HNE		8.06 LE 03 MAI		5.89 LE 25 DEC		1985
1986	8.15 LE 05 AVR A 8:45 HNE		8.10 LE 02 AVR		6.08 LE 09 JAN		1986
1987	8.36 LE 02 AVR A 13:15 HNE		8.33 LE 02 AVR		5.73 LE 18 NOV		1987
1988	7.71 LE 09 AVR A 2:15 HNE		7.65 LE 09 AVR		5.55 LE 25 JUN		1988
1989	7.35 LE 31 MAR A 08:15 HNE		7.30 LE 31 MAR		5.63 LE 15 MAR		1989
1990	7.79 LE 06 AVR A 02:02 HNE		7.71 LE 06 AVR		5.78 LE 28 SEP		1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A NEUVILLE - STATION NO. 02PC007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1914	---	---	---	---	---	1.04	0.92	0.82	0.80	0.80	---	---	---	1914
1915	---	---	---	---	1.28	1.05	0.94	0.85	0.78	---	0.90	---	---	1915
1916	---	---	---	---	---	1.48	1.15	0.97	0.89	0.94	---	---	---	1916
1917	---	---	---	---	---	1.34	1.26	1.10	0.83	1.03	---	---	---	1917
1918	---	---	---	---	---	1.23	1.21	0.89	0.98	1.05	---	---	---	1918
1919	---	---	---	---	---	---	1.12	0.98	0.94	0.97	---	---	---	1919
1920	---	---	---	---	1.37	1.11	---	0.90	---	---	---	---	---	1920
1921	---	---	---	---	---	1.00	0.88	0.76	0.79	0.92	---	---	---	1921
1922	---	---	---	---	1.40	1.20	1.02	0.91	0.80	0.90	---	---	---	1922
1923	---	---	---	---	---	1.16	0.88	0.81	0.82	0.75	---	---	---	1923
1924	---	---	---	---	1.64	1.20	0.93	0.89	0.89	---	---	---	---	1924
1925	---	---	---	---	1.31	1.16	1.02	0.92	0.84	0.95	---	---	---	1925
1926	---	---	---	---	---	1.17	0.98	0.87	0.78	0.85	---	---	---	1926
1927	---	---	---	---	---	1.13	1.01	0.94	0.81	0.93	---	---	---	1927
1928	---	---	---	---	1.80	1.37	1.09	1.01	0.94	1.03	---	---	---	1928
1929	---	---	---	---	1.64	1.38	1.10	0.97	0.89	0.95	---	---	---	1929
1930	---	---	---	---	1.45	---	1.21	1.03	0.87	0.88	---	---	---	1930
1931	---	---	---	---	1.12	1.01	0.88	0.79	0.82	0.77	---	---	---	1931
1932	---	---	---	---	---	1.03	0.97	0.94	0.97	1.02	---	---	---	1932
1933	---	---	---	---	1.46	1.12	0.87	0.82	0.82	0.87	---	---	---	1933
1934	---	---	---	---	1.34	1.09	0.88	0.68	0.69	0.70	---	---	---	1934
1935	---	---	---	---	1.11	1.01	0.88	0.80	0.75	0.69	---	---	---	1935
1936	---	---	---	---	1.58	1.17	0.92	---	0.79	0.82	---	---	---	1936
1937	---	---	---	---	1.48	---	0.94	0.88	0.86	0.86	---	---	---	1937
1938	---	---	---	---	1.49	1.04	0.93	0.98	0.90	0.86	---	---	---	1938
1939	---	---	---	---	---	1.19	1.07	1.05	0.91	0.92	---	---	---	1939
1940	---	---	---	---	1.53	1.27	0.98	0.82	0.90	0.83	---	---	---	1940
1941	---	---	---	---	1.19	1.00	0.87	0.82	0.82	0.88	---	---	---	1941
1942	---	---	---	---	1.38	1.25	0.97	0.84	0.81	0.81	---	---	---	1942
1943	---	---	---	---	1.76	1.48	1.13	1.09	0.93	1.08	---	---	---	1943
1944	---	---	---	---	1.23	1.02	0.98	0.93	---	0.97	---	---	---	1944
1945	---	---	---	---	1.50	1.28	1.00	0.91	0.94	1.13	---	---	---	1945
1946	---	---	---	---	1.24	1.08	0.95	0.93	0.80	0.89	---	---	---	1946
1947	---	---	---	---	1.84	1.77	1.25	---	0.95	---	---	---	---	1947
1948	---	---	---	---	1.35	1.11	0.98	0.91	0.86	---	---	---	---	1948
1949	---	---	---	---	1.24	0.98	0.89	0.85	0.81	0.72	---	---	---	1949
1950	---	---	---	---	1.18	1.06	0.93	0.87	0.82	0.82	---	---	---	1950
1951	---	---	---	---	1.48	1.14	1.05	0.96	0.87	0.99	---	---	---	1951
1952	---	---	---	---	1.55	1.34	0.99	0.97	0.92	0.97	---	---	---	1952
1953	---	---	---	---	1.37	1.05	0.95	0.87	0.87	0.86	---	---	---	1953
1954	---	---	---	---	1.55	1.38	1.10	1.04	0.98	1.18	---	---	---	1954
1955	---	---	---	---	---	1.16	0.95	0.92	0.81	0.88	---	---	---	1955
1956	---	---	---	---	---	---	1.03	---	1.00	0.93	---	---	---	1956
1957	---	---	---	---	---	1.05	1.17	---	0.92	0.90	---	---	---	1957
1958	---	---	---	---	1.15	1.12	1.05	0.98	1.00	1.04	---	---	---	1958
1959	---	---	---	---	1.15	1.15	0.86	0.97	0.89	0.95	---	---	---	1959
1960	---	---	1.38	---	1.79	1.26	1.09	---	---	---	---	---	---	1960
1961	---	0.97	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	0.90	0.94	1.35	---	---	---	---	---	0.91	---	---	---	1962
1963	---	0.57	0.80	1.36	---	---	0.98	0.89	0.87	0.97	0.99	---	---	1963
1964	---	---	---	1.03	---	0.92	0.86	---	---	0.83	1.11	---	---	1964
1965	---	---	---	0.82	1.04	0.91	0.89	0.81	0.67	0.77	0.78	---	---	1965
1969	---	---	---	1.46	1.00	0.85	0.75	0.81	0.85	1.12	1.12	---	---	1969
1970	0.83	0.90	0.96	1.41	1.48	1.21	1.11	1.06	1.04	0.92	1.16	1.08	---	1970
1971	0.90	1.09	1.22	1.52	1.38	1.13	1.01	1.03	1.05	1.08	1.10	1.23	1.09	1971
1972	---	---	1.16	1.38	1.57	1.06	0.91	0.89	0.95	0.93	0.99	0.94	1.08	1972
1973	1.02	1.16	1.51	1.68	1.53	1.47	1.29	1.18	1.12	1.11	1.26	1.18	---	1973
1974	---	0.95	1.10	1.55	1.70	1.34	1.22	1.19	1.04	1.08	0.96	---	---	1974
1975	1.06	0.92	1.20	---	1.81	1.49	1.23	1.06	1.00	0.91	1.20	1.22	---	1975
MOYEN	0.95	0.93	1.14	1.36	1.48	1.27	0.96	---	0.90	1.01	---	1.05	---	MOYEN
	1.43	1.18	1.01	0.92	0.88	0.92	1.05	1.12	1.09					

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .06 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 41 47
LONG 071 34 25

REGULARISE

SAINT-LAURENT (FLEUVE) À NEUVILLE - STATION NO. 02PC007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1914	---	---	---	1914
1915	---	---	---	1915
1916	---	---	---	1916
1917	---	---	---	1917
1918	---	---	---	1918
1919	---	---	---	1919
1920	---	---	---	1920
1921	---	---	---	1921
1922	---	---	---	1922
1923	---	---	---	1923
1924	---	---	---	1924
1925	---	---	---	1925
1926	---	---	---	1926
1927	---	---	---	1927
1928	---	---	---	1928
1929	---	---	---	1929
1930	---	---	---	1930
1931	---	---	---	1931
1932	---	---	---	1932
1933	---	---	---	1933
1934	---	---	---	1934
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	---	---	1937
1938	---	---	---	1938
1939	---	---	---	1939
1940	---	---	---	1940
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1969	---	---	---	1969
1970	---	2.15 LE 03 AVR	0.32 LE 02 JAN	1970
1971	---	2.49 LE 25 AVR *	0.22 LE 06 JAN *	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .06 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A POINTE-AUX-TREMBLES - STATION NO. 020A049

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1934	---	---	---	---	---	---	---	4.75	4.68	4.69	---	---	---	1934
1935	---	---	---	---	5.79	---	5.42	5.11	4.92	4.80	---	---	---	1935
1936	---	---	---	---	7.27	6.23	5.31	4.97	4.95	5.22	---	---	---	1936
1961	---	---	---	---	---	5.98	5.85	5.59	5.55	5.38	5.07	---	---	1961
1962	---	---	---	6.32	5.82	5.14	4.99	5.03	4.96	5.00	5.14	5.50	---	1962
1963	6.83	6.38	5.94	6.40	5.39	4.98	4.88	4.95	5.03	4.93	5.24	5.70	5.55	1963
1964	6.84	---	---	5.51	5.18	4.98	4.88	---	4.74	4.76	4.72	5.07	---	1964
1965	6.02	6.32	5.42	5.16	5.26	4.77	4.72	4.97	5.18	5.02	5.74	5.79	5.43	1965
1966	7.20	---	6.67	6.48	5.79	5.51	5.22	5.35	5.25	5.17	5.40	6.14	---	1966
1967	---	7.73	6.53	6.70	6.41	5.93	5.68	5.35	5.30	5.08	6.62	6.39	---	1967
1968	7.79	6.99	6.74	6.85	5.81	5.49	5.67	5.57	5.66	5.52	5.54	5.91	6.13	1968
1969	6.83	6.49	6.16	7.03	---	---	---	---	5.79	5.48	5.94	5.99	---	1969
1970	6.28	6.11	5.93	6.59	6.70	6.00	5.91	5.84	5.62	5.76	5.86	6.30	6.08	1970
1971	6.84	7.10	6.62	7.16	7.24	5.91	5.44	5.46	5.55	5.43	5.29	5.46	6.12	1971
1972	5.84	6.12	6.49	7.01	7.62	6.68	6.73	6.54	6.28	6.30	6.57	6.60	6.57	1972
1973	7.17	7.23	7.67	7.53	7.44	6.95	6.70	6.33	6.16	6.19	6.03	6.23	6.80	1973
1974	6.37	6.34	6.96	7.53	8.20	7.42	6.68	6.28	6.01	5.94	6.10	6.25	6.68	1974
1975	6.13	6.35	6.56	7.03	6.92	6.37	5.76	---	5.63	5.83	---	---	---	1975
1976	---	---	7.40	8.15	7.45	6.63	6.58	6.31	6.06	6.13	5.94	5.87	---	1976
1977	---	---	6.56	7.04	---	5.54	---	5.43	---	6.34	6.14	6.37	---	1977
1978	6.85	7.11	6.58	7.31	6.98	6.15	---	---	5.52	5.54	---	5.27	---	1978
1979	---	6.06	---	7.18	7.27	6.28	5.83	5.75	5.98	---	---	---	---	1979
1980	---	---	---	6.70	6.41	5.77	5.83	---	---	6.18	6.15	---	---	1980
1981	---	6.86	6.58	6.85	6.22	6.11	5.73	5.87	---	6.20	6.33	5.99	---	1981
1982	5.89	6.07	6.00	6.77	6.37	5.79	5.71	5.52	5.51	5.44	---	---	---	1982
1983	5.87	6.08	6.28	6.69	7.54	6.69	5.75	5.64	5.55	5.53	5.96	---	---	1983
1984	---	---	---	7.23	6.66	6.45	6.22	6.04	---	---	5.60	5.74	---	1984
1985	6.42	---	6.53	6.80	6.78	5.96	---	5.98	5.79	5.76	---	---	---	1985
1986	---	6.28	6.36	7.10	6.72	6.36	6.23	6.30	6.25	6.33	6.31	---	---	1986
1987	6.07	---	---	6.93	5.98	5.97	5.85	5.56	5.47	5.45	5.35	5.95	---	1987
1988	5.70	5.95	5.60	6.57	5.91	5.24	5.10	---	---	5.63	6.25	5.75	---	1988
1989	5.51	5.72	---	5.88	6.01	6.03	5.61	5.42	5.28	5.28	5.77	---	---	1989
1990	6.13	6.16	---	6.65	6.40	5.95	5.73	5.50	5.31	5.80	5.89	---	---	1990
MOYEN	6.43	6.47	6.46	6.79	6.54	5.98	5.71	5.61	5.50	5.60	5.81	5.91	6.17	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 37 56
LONG 073 29 28 REGULARISE

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A POINTE-AUX-TREMBLES - STATION NO. 020A049

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1934	5.260 LE 16 JUL A 20:00 HNE	---	---	1934
1935	6.51 LE 04 MAI A 8:00 HNE	---	---	1935
1936	7.99 LE 21 MAI A 22:30 HNE	---	---	1936
1961	6.20 LE 02 JUN A 3:01 HNE	---	---	1961
1962	7.58 LE 30 DEC A 7:35 HNE	---	---	1962
1963	7.78 LE 05 JAN A 4:48 HNE	7.70 LE 05 JAN	4.73 LE 31 JUL	1963
1964	7.670 LE 01 JAN A 5:42 HNE	---	---	1964
1965	7.03 LE 21 JAN A 1:40 HNE	6.97 LE 08 FEV	4.58 LE 23 JUN *	1965
1966	8.98 LE 22 [illegible] A 22:45 HNE	---	---	1966
1967	8.90 LE 16 FEV A 11:35 HNE	---	---	1967
1968	9.20 LE 20 JAN A 6:55 HNE	9.13 LE 20 JAN *	5.32 LE 16 OCT	1968
1969	7.85 LE 17 JAN A 13:20 HNE	---	---	1969
1970	7.42 LE 06 MAI A 4:01 HNE	7.36 LE 06 MAI	5.48 LE 13 SEP	1970
1971	8.42 LE 23 AVR A 16:43 HNE	8.37 LE 23 AVR	5.09 LE 11 DEC	1971
1972	8.24 LE 10 MAI A 6:22 HNE	8.18 LE 10 MAI	5.60 LE 12 FEV	1972
1973	8.74 LE 19 MAR A 14:39 HNE	8.56 LE 19 MAR	5.88 LE 22 NOV	1973
1974	8.60 LE 25 MAI A 20:59 HNE	8.56 LE 23 MAI	5.78 LE 29 OCT	1974
1975	7.99 LE 22 AVR A 2:29 HNE	---	---	1975
1976	9.31 LE 03 AVR A 18:43 HNE *	---	---	1976
1977	7.83 LE 18 MAR A 15:18 HNE	---	---	1977
1978	8.43 LE 18 FEV A 12:50 HNE	---	---	1978
1979	7.83 LE 03 MAI A 1:05 HNE	---	---	1979
1980	7.37 LE 17 AVR A 7:07 HNE	---	---	1980
1981	8.50 LE 26 FEV A 04:20 HNE	8.48 LE 26 FEV	5.49 LE 26 JUL	1981
1982	7.40 LE 29 AVR A 10:46 HNE	7.39 LE 29 AVR	5.22 LE 25 OCT	1982
1983	8.16 LE 12 MAI A 14:40 HNE	8.15 LE 12 MAI	5.36 LE 03 OCT	1983
1984	7.96 LE 10 AVR A 23:10 HNE	7.87 LE 19 AVR	5.22 LE 04 NOV	1984
1985	7.42 LE 03 MAI A 12:49 HNE	7.41 LE 03 MAI	---	1985
1986	7.49 LE 02 AVR A 6:45 HNE	7.47 LE 02 AVR	5.53 LE 09 JAN	1986
1987	7.77 LE 02 AVR A 17:47 HNE	7.73 LE 02 AVR	5.13 LE 18 NOV	1987
1988	7.09 LE 08 AVR A 22:18 HNE	---	---	1988
1989	6.79 LE 31 MAR A 08:50 HNE	---	---	1989
1990	7.21 LE 28 AVR A 22:46 HNE	7.13 LE 30 AVR	5.16 LE 28 SEP	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A POINTE-DES-CASCADES - STATION NO. 02MC005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1919	21.47	21.[illegible]	21.39	21.71	22.18	21.86	21.28	21.08	21.00	21.02	21.11	21.26	21.40	1919
1920	21.62	22.19	22.67	21.58	21.25	20.91	20.87	20.77	20.69	20.61	20.63	20.93	21.22	1920
1921	21.06	21.21	21.41	21.39	21.49	21.06	20.87	20.75	20.60	20.36	20.36	20.81	20.99	1921
1922	21.43	21.67	21.49	21.87	21.72	21.26	21.14	20.94	20.78	20.67	20.57	20.75	21.18	1922
1923	21.20	21.14	21.18	21.97	21.77	21.48	20.88	20.69	20.62	20.47	20.44	20.61	21.19	1923
1924	21.17	22.01	21.56	21.50	21.77	21.34	20.98	20.83	20.73	20.79	20.61	20.91	21.18	1924
1925	21.19	21.85	22.10	21.43	21.26	21.09	20.85	20.65	20.49	20.46	20.59	20.89	21.07	1925
1926	21.11	21.17	21.31	21.33	21.46	21.20	20.89	20.66	20.54	20.59	20.55	21.02	21.04	1926
1927	21.38	21.43	21.41	21.12	21.17	21.20	21.06	20.92	20.66	20.53	20.98	21.19	21.09	1927
1928	21.36	21.68	21.72	21.97	22.15	21.60	21.29	21.14	21.01	21.22	21.28	21.08	21.46	1928
1929	21.48	21.73	21.88	21.90	22.31	21.73	21.50	21.26	21.10	21.01	21.04	21.24	21.51	1929
1930	21.70	22.17	21.89	21.69	21.63	21.59	21.58	21.21	21.00	20.85	20.70	20.65	21.38	1930
1931	20.94	21.19	20.77	20.84	20.86	20.78	20.62	20.51	20.43	20.35	20.36	20.43	20.67	1931
1932	20.65	21.13	20.93	21.50	21.19	20.92	20.84	20.77	20.79	20.87	21.03	20.80	20.95	1932
1933	20.73	20.79	20.66	21.54	21.43	20.92	20.64	20.53	20.40	20.29	20.20	20.24	20.73	1933
1934	21.51	22.86	22.09	22.03	21.29	20.75	20.47	20.20	20.10	20.00	20.01	20.41	20.97	1934
1935	21.01	21.14	21.43	20.87	20.71	20.55	20.58	20.41	20.27	20.18	20.13	20.29	20.63	1935
1936	20.89	22.53	22.20	21.34	21.65	21.11	20.63	20.41	20.37	20.46	20.59	20.54	21.09	1936
1937	21.09	21.17	21.05	21.53	21.49	21.03	20.84	20.79	20.65	20.57	20.82	20.90	20.98	1937
1938	21.13	21.36	21.55	21.58	21.44	20.99	20.73	20.73	20.65	20.62	20.53	20.53	20.99	1938
1939	20.93	21.38	21.46	21.56	21.60	21.15	20.94	20.84	20.61	20.54	20.48	20.52	21.00	1939
1940	20.97	21.34	21.29	21.32	21.16	21.26	21.00	20.72	20.63	20.52	20.53	20.72	20.95	1940
1941	21.13	20.99	21.08	21.33	20.99	20.66	20.59	20.50	20.44	20.50	20.67	20.57	20.83	1941
1942	20.95	20.90	20.98	21.33	21.16	21.06	20.79	20.72	20.64	20.59	20.65	20.86	20.88	1942
1943	21.34	21.48	21.53	21.69	22.20	21.82	21.45	21.28	21.17	21.02	21.08	21.20	21.44	1943
1944	21.50	21.83	21.41	21.17	21.33	21.07	21.01	20.91	20.83	20.74	20.64	20.77	21.10	1944
1945	21.02	21.43	21.43	21.51	21.59	21.49	21.19	21.08	21.03	21.23	21.20	21.31	21.29	1945
1946	21.53	22.08	21.86	21.37	21.23	21.20	20.97	20.90	20.80	20.81	20.90	20.98	21.21	1946
1947	21.40	21.44	21.23	21.93	22.35	22.44	21.75	21.41	21.25	21.08	20.98	21.10	21.53	1947
1948	21.21	21.02	21.35	21.59	21.52	21.35	21.20	21.12	20.94	20.81	20.80	20.77	21.14	1948
1949	21.06	21.29	21.29	21.66	21.38	21.03	20.94	20.70	20.64	20.56	20.49	20.60	20.97	1949
1950	21.07	21.10	21.13	21.61	21.40	21.24	21.10	20.99	20.90	20.82	20.90	21.08	21.11	1950
1951	21.52	21.77	21.59	22.44	21.82	21.40	21.47	21.22	21.13	21.09	21.32	21.46	21.48	1951
1952	21.69	21.53	21.55	22.02	21.91	21.72	21.47	21.37	21.21	21.13	20.97	21.13	21.48	1952
1953	21.43	21.50	21.80	21.92	21.52	21.28	21.19	21.09	21.00	20.86	20.76	20.78	21.23	1953
1954	21.11	21.12	21.39	21.87	21.60	21.46	21.24	21.08	21.07	21.30	21.31	21.27	21.32	1954
1955	21.52	21.26	21.44	22.20	21.57	21.32	21.17	21.06	20.95	20.96	21.12	21.14	21.31	1955
1956	21.22	21.04	20.96	21.50	21.62	21.47	21.23	21.15	21.20	21.11	20.91	20.89	21.19	1956
1957	21.41	21.18	21.17	21.07	21.08	21.00	21.27	20.89	20.85	20.83	20.90	20.94	21.05	1957
1958	21.20	21.13	21.01	21.39	20.97	20.89	20.88	20.77	20.76	20.80	20.72	21.03	20.98	1958
1959	20.77	20.94	20.81	21.56	21.35	21.15	20.99	20.81	20.71	20.62	20.81	20.99	20.98	1959
1960	21.29	21.16	21.13	21.99	22.07	21.54	---	21.26	20.89	20.56	20.60	20.74	---	1960
1961	21.24	20.97	20.89	21.09	21.28	21.[illegible]	21.31	21.13	21.06	20.89	20.67	20.79	21.06R	1961
1962	21.15	21.06	20.86	21.03	20.88	20.69	20.65	20.70	20.66	20.64	20.64	20.73	20.80	1962
1963	21.05	20.96	20.70	21.00	20.59	20.57	20.57	20.62	20.63	20.58	20.58	20.96	20.73	1963
1964	21.08	20.88	20.70	20.61	20.48	20.51	20.50	20.53	20.50	20.49	20.43	20.48	20.60	1964
1965	20.81	20.76	20.38	20.53	20.54	20.39	20.46	20.59	20.67	20.94	20.90	20.99	20.66	1965
1966	21.33	21.23	21.37	21.58	20.92	20.82	20.72	20.78	20.75	20.69	20.76	21.16	20.98	1966
1967	21.29	21.59	20.91	21.39	21.26	21.07	20.98	20.90	20.91	21.22	21.72	21.54	21.21	1967
1968	21.48	21.51	21.35	21.63	21.12	20.97	21.17	21.20	21.27	21.15	21.11	21.20	21.26	1968
1969	21.58	21.50	21.39	21.83	21.80	21.65	21.60	21.58	21.35	21.11	21.19	---	---	1969
1970	---	21.35	21.13	21.41	21.51	21.27	21.32	21.35	21.21	21.26	21.31	21.40	---	1970
1971	21.50	21.[illegible]	21.44	21.99	21.96	21.35	21.18	21.14	21.19	21.18	20.94	20.93	21.34	1971
1972	21.17	21.34	21.35	21.89	22.19	21.82	21.92	21.85	21.73	21.66	21.79	21.56	21.69	1972
1973	21.57	21.76	22.13	22.27	22.35	22.15	22.04	21.79	21.72	21.66	21.53	21.40	21.85	1973
1974	21.63	21.64	21.88	22.22	22.53	22.26	21.97	21.80	21.64	21.56	21.46	21.52	21.84	1974
1975	21.36	21.37	21.63	21.96	21.90	---	21.45	21.36	21.36	21.44	21.45	21.43R	---	1975
1976	---	---	22.01	22.44	22.26	---	---	---	21.60	---	---	---	---	1976
1977	---	21.17	21.61	---	21.52	21.12	21.01	---	21.34	21.69	---	21.52	---	1977
1978	21.83	22.06	---	22.14	21.99	---	21.41	21.32	21.25	21.19	21.02	---	---	1978
1979	21.42	21.60	21.75	---	---	---	---	---	---	---	---	21.34	---	1979
1980	21.51	21.43	21.37	21.82	21.75	21.45	---	---	---	---	---	---	---	1980
1981	---	21.60	21.63	21.78	21.37	21.36	21.29	21.44	21.68	21.71	21.71	21.56	---	1981
1982	21.49	21.57	21.41	21.80	21.63	21.46	21.44	21.30	21.25	21.19	---	21.52	---	1982
1983	21.33	---	---	---	22.12	21.86	21.41	21.35	21.31	21.27	21.37	---	---	1983
1984	21.49	21.62	21.67	22.05	21.90	21.80	21.69	21.64	21.53	21.[illegible]	21.29	21.32	21.60	1984
1985	---	21.59	21.79	---	21.95	21.59	21.57	21.59	21.51	21.45	21.48	21.42	---	1985
1986	21.54	21.84	21.79	22.09	21.99	21.87	21.79	21.83	21.80	21.98	21.88	21.82	21.84	1986
1987	21.61	21.71	21.90	---	21.67	21.82	21.52	21.29	21.15	21.07	20.95	21.29	---	1987
1988	21.27	21.45	21.21	21.48	21.14	20.91	20.81	20.93	20.93	21.07	21.44	21.14	21.15	1988
1989	21.12	21.13	20.90	20.93	21.08	21.33	21.24	21.12	21.01	20.95	21.20	21.33	21.11	1989
1990	21.27	21.39	21.42	21.67	21.59	21.42	21.27	21.13	21.03	21.18	21.24	21.34	21.33	1990
MOYEN	21.27	21.43	21.42	21.60	21.53	21.28	21.13	21.02	20.95	20.91	20.92	21.02	21.16	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 20 08
LONG 073 57 17 REGULARISE

R - REVISEE DEPUIS JAN 01 1980

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A POINTE-DES-CASCADES - STATION NO. 02NC005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1919	27.37 LE JAN *	22.45 LE 26 MAI	20.96 LE 09 SEP	1919
1920	23.20 LE 09 MAR A 17:30 HNE	23.14 LE 09 MAR	20.53 LE 24 OCT	1920
1921	22.79 LE 22 MAR A 20:00 HNE	21.76 LE 22 MAR	20.48 LE 03 NOV	1921
1922	22.39 LE 21 AVR A 20:30 HNE	22.36 LE 21 AVR	20.47 LE 07 DEC	1922
1923	22.66 LE 22 FEV A 20:00 HNE	22.58 LE 22 FEV	20.54 LE 25 NOV	1923
1924	22.92 LE 23 FEV A 14:30 HNE	22.78 LE 25 FEV	20.55 LE 15 NOV	1924
1925	22.59 LE 04 MAR A 19:00 HNE	22.54 LE 04 MAR	20.37 LE 06 NOV	1925
1926	21.65 LE 26 AVR A 20:30 HNE	21.62 LE 26 AVR	20.45 LE 05 SEP	1926
1927	21.48 LE 20 MAR A 7:00 HNE	21.48 LE 20 MAR	20.55 LE 29 SEP	1927
1928	22.65 LE 09 AVR A 22:00 HNE	22.59 LE 10 AVR	20.52 LE 09 SEP	1928
1929	22.52 LE 08 MAI A 22:00 HNE	22.50 LE 09 MAI	20.54 LE 31 OCT	1929
1930	22.46 LE 18 FEV A 21:00 HNE	22.40 LE 18 FEV	20.55 LE 25 DEC	1930
1931	21.32 LE 12 FEV A 21:30 HNE	21.30 LE 12 FEV	20.31 LE 26 OCT	1931
1932	22.00 LE 13 AVR A 23:00 HNE	21.97 LE 13 AVR	20.42 LE 02 JAN	1932
1933	21.88 LE 20 AVR A 1:00 HNE	21.85 LE 19 AVR	20.12 LE 10 NOV	1933
1934	24.20 LE 09 FEV A 11:30 HNE	23.91 LE 09 FEV *	19.94 LE 17 NOV *	1934
1935	21.75 LE 28 FEV A 21:00 HNE	21.72 LE 01 MAR	20.05 LE 03 NOV	1935
1936	22.98 LE 13 JAN A 2:30 HNE	22.93 LE 15 FEV	20.33 LE 26 SEP	1936
1937	22.07 LE 08 AVR A 12:00 HNE	22.06 LE 08 AVR	20.44 LE 17 OCT	1937
1938	22.45 LE 26 MAR A 24:00 HNE	22.42 LE 26 MAR	20.33 LE 04 DEC	1938
1939	22.61 LE 22 FEV A 14:00 HNE	22.36 LE 27 FEV	20.27 LE 26 NOV	1939
1940	21.63 LE 30 JAN A 1:00 HNE	21.57 LE 30 JAN	20.34 LE 03 NOV	1940
1941	21.70 LE 28 AVR A 22:00 HNE	21.65 LE 29 AVR	20.32 LE 01 SEP	1941
1942	21.63 LE 20 AVR A 21:00 HNE	21.58 LE 20 AVR	20.43 LE 18 OCT	1942
1943	22.88 LE 13 MAI A 23:00 HNE	22.82 LE 14 MAI	20.50 LE 08 DEC	1943
1944	22.80 LE 16 FEV A 11:00 HNE	22.57 LE 15 FEV	20.55 LE 21 NOV	1944
1945	22.12 LE 05 AVR A 21:30 HNE	22.02 LE 05 AVR	20.52 LE 18 JAN	1945
1946	23.07 LE 21 FEV A 14:30 HNE	22.82 LE 22 FEV	20.68 LE 11 OCT	1946
1947	22.75 LE 04 JUN A 22:00 HNE	22.70 LE 04 JUN	20.81 LE 02 DEC	1947
1948	22.14 LE 22 MAR A 22:30 HNE	22.06 LE 23 MAR	20.67 LE 01 FEV	1948
1949	21.94 LE 29 MAR A 12:00 HNE	21.91 LE 29 MAR	20.36 LE 01 DEC	1949
1950	22.12 LE 07 AVR	22.07 LE 06 AVR	20.60 LE 03 JAN	1950
1951	22.82 LE 17 AVR A 21:30 HNE	22.78 LE 17 AVR	21.00 LE 03 OCT	1951
1952	22.41 LE 07 AVR A 16:30 HNE	22.40 LE 07 AVR	20.88 LE 18 NOV	1952
1953	22.19 LE 28 MAR A 20:30 HNE	22.12 LE 31 MAR	20.65 LE 09 NOV	1953
1954	22.32 LE 18 AVR A 18:00 HNE	22.27 LE 18 AVR	20.69 LE 01 JAN	1954
1955	22.50 LE 07 AVR A 23:30 HNE	22.41 LE 08 AVR	20.83 LE 06 OCT	1955
1956	21.90 LE 08 AVR A 16:00 HNE	21.86 LE 08 AVR	20.70 LE 31 DEC	1956
1957	21.70 LE 11 JAN A 24:00 HNE	21.67 LE 10 JAN	20.71 LE 05 OCT	1957
1958	21.68 LE 30 MAR A 20:00 HNE	21.61 LE 02 AVR	20.64 LE 12 NOV	1958
1959	21.89 LE 10 AVR A 14:52 HNE	21.87 LE 10 AVR	20.51 LE 19 OCT	1959
1960	22.36 LE 19 MAI A 8:42 HNE	---	---	1960
1961	27.37 LE 28 JUN A 6:27 HNE	21.50 LE 29 MAI	20.60 LE 18 NOV	1961
1962	21.63 LE 10 AVR A 3:40 HNE	21.55 LE 10 AVR	20.46 LE 01 JUN	1962
1963	21.77 LE 05 AVR A 11:27 HNE	21.74 LE 05 AVR	20.41 LE 28 MAI	1963
1964	21.52 LE 15 JAN A 19:48 HNE	21.48 LE 15 JAN	20.29 LE 05 AVR	1964
1965	21.24 LE 31 DEC A 23:59 HNE	21.13 LE 15 DEC	20.20 LE 14 MAR	1965
1966	21.81 LE 14 JAN A 5:55 HNE	21.77 LE 14 JAN	20.62 LE 09 OCT	1966
1967	21.99 LE 15 NOV	21.87 LE 15 NOV	20.50 LE 26 MAR	1967
1968	21.97 LE 03 AVR A 21:50 HNE	21.93 LE 02 AVR	20.78 LE 25 DEC	1968
1969	22.13 LE 24 AVR A 20:44 HNE	---	---	1969
1970	21.81 LE 31 DEC A 23:59 HNE	---	---	1970
1971	22.66 LE 22 AVR A 10:01 HNE	22.63 LE 22 AVR	20.74 LE 06 DEC	1971
1972	22.57 LE 06 MAI A 21:45 HNE	22.53 LE 07 MAI	20.93 LE 12 JAN	1972
1973	22.77 LE 19 MAR A 2:45 HNE	22.72 LE 19 MAR	21.09 LE 27 DEC	1973
1974	22.81 LE 23 MAI A 20:38 HNE	22.75 LE 23 MAI	21.34 LE 07 NOV	1974
1975	22.67 LE 21 AVR A 19:28 HNE	---	---	1975
1976	23.03 LE 02 AVR A 4:50 HNE	---	---	1976
1977	22.46 LE 16 MAR A 16:30 HNE	---	---	1977
1978	22.67 LE 14 AVR A 2:25 HNE	---	---	1978
1979	22.43 LE 06 MAI A 8:55 HNE	---	---	1979
1980	22.15 LE 17 AVR	---	---	1980
1981	22.34 LE 26 FEV A 07:25 HNE	22.29 LE 26 FEV	21.05 LE 01 JAN	1981
1982	22.15 LE 29 AVR A 7:35 HNE	22.09 LE 28 AVR	21.02 LE 12 JAN	1982
1983	22.50 LE 12 MAI A 11:05 HNE	22.42 LE 12 MAI	21.13 LE 25 JAN	1983
1984	22.41 LE 18 AVR A 18:16 HNE	22.37 LE 07 AVR	21.12 LE 08 JAN	1984
1985	22.28 LE 06 MAI A 12:21 HNE	22.22 LE 06 MAI	20.85 LE 25 DEC	1985
1986	22.29 LE 26 MAI A 22:05 HNE	22.22 LE 24 MAI	21.21 LE 13 JAN	1986
1987	22.32 LE 27 MAR A 10:50 HNE	22.30 LE 27 MAR	20.94 LE 24 NOV	1987
1988	21.85 LE 01 MAI A 1:50 HNE	21.80 LE 09 FEV	20.73 LE 11 JUL	1988
1989	21.71 LE 19 DEC A 07:38 HNE	21.63 LE 19 DEC	20.59 LE 15 MAR	1989
1990	22.06 LE 05 AVR A 14:07 HNE	22.00 LE 05 AVR	20.91 LE 25 SEP	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A PORT-SAINT-FRANCOIS - STATION NO. 020D002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	3.97	4.75	4.36	3.57	3.40	---	---	3.42	3.61	3.35	---	1962
1963	3.88	3.93	3.85	4.88	4.01	3.48	---	3.30	---	---	---	3.67	---	1963
1964	4.04	4.00	---	3.96	---	3.46	---	---	---	---	3.16	---	---	1964
1965	---	---	---	---	---	3.29	3.08	3.24	3.44	4.13	4.04	4.03	---	1965
1966	4.18	4.18	4.61	4.64	---	---	3.41	3.49	3.57	3.99	3.65	4.24	---	1966
1967	4.08	4.32	4.03	4.93	4.70	4.12	3.89	3.54	3.47	4.09	4.61	4.43	4.18	1967
1968	5.08	4.44	4.48	5.15	4.08	3.69	3.76	3.59	3.67	3.60	3.77	3.91	4.10	1968
1969	4.09	4.26	4.07	5.30	5.39	4.44	4.16	4.04	3.87	3.62	4.13	4.03	4.28	1969
1970	3.99	4.00	3.90	4.94	5.09	4.22	4.02	3.92	3.77	3.91	4.00	4.18	4.16	1970
1971	---	---	---	5.30	5.60	4.11	3.62	3.63	3.77	3.66	3.57	3.72	---	1971
1972	3.76	3.92	4.30	5.18	5.93	4.88	4.81	4.62	4.31	4.41	4.67	4.55	4.61	1972
1973	4.63	4.80	5.57	5.67	5.68	4.99	4.71	4.43	4.22	4.27	4.11	4.36	4.79	1973
1974	4.32	4.32	4.89	5.71	6.60	5.57	4.71	4.29	4.03	3.96	4.24	4.43	4.76	1974
1975	4.21	4.14	4.55	5.21	5.17	---	---	---	3.69	3.92	---	---	---	1975
1981	---	---	---	---	---	---	3.93R	4.02R	---	4.31R	4.50R	4.23R	---	1981
1982	---	4.10R	4.19R	---	4.84R	---	3.82R	---	3.62R	3.60R	---	---	---	1982
1983	---	---	---	5.07R	5.99R	4.94R	3.84R	---	3.60R	3.61R	4.26R	---	---	1983
1984	---	---	---	5.55R	4.99R	4.67R	4.34R	4.07R	3.86R	3.62R	---	---	---	1984
1985	---	---	---	5.03R	5.03R	4.15R	---	---	---	---	---	3.91R	---	1985
1986	3.97	4.28	---	5.49	5.02	---	4.27	4.34	4.30	---	---	---	---	1986
MOYEN	4.19	4.21	4.37	5.10	5.15	4.24	3.99	3.89	3.80	3.85	4.02	4.07	4.41	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .07 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 16 21
LONG 072 37 10 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

SAINT-LAURENT (FLEUVE) A PORT-SAINT-FRANCOIS - STATION NO. 020D002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	5.35 LE 06 AVR	3.24 LE 30 AOU	1967
1968	---	6.88 LE 24 JAN	3.20 LE 16 OCT *	1968
1969	---	5.87 LE 20 AVR	3.35 LE 20 OCT	1969
1970	---	5.89 LE 07 MAI	3.40 LE 18 MAR	1970
1971	---	---	---	1971
1972	---	6.42 LE 11 MAI	3.47 LE 10 JAN	1972
1973	---	6.84 LE 20 MAR	3.89 LE 05 NOV	1973
1974	---	6.93 LE 26 MAI *	3.74 LE 25 OCT	1974
1975	---	---	---	1975
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .07 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A POINTEUF - STATION NO. 02EC006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1960	---	---	---	---	---	---	---	---	---	1.17	1.15	0.98	---	1960
1961	1.15	1.32	1.45	---	1.73	1.46	1.19	1.25	1.26	1.27	1.17	---	---	1961
1962	0.91	---	1.35	1.75	1.60	1.23	1.24	1.15	1.14	1.22	1.20	1.05	---	1962
1963	1.04	0.89	1.17	1.79	1.39	1.21	1.12	1.16	---	---	1.46	1.13	---	1963
1964	1.18	1.14	1.32	1.38	---	1.19	1.15	1.07	---	1.05	1.05	1.13	---	1964
1965	1.00	1.09	1.12	1.21	1.35	1.14	1.04	1.10	1.14	1.49	1.40	---	---	1965
1966	---	---	---	---	---	1.30	1.14	1.17	1.10	1.08	1.21	1.44	---	1966
1967	1.32	1.27	1.30	1.71	1.68	1.37	1.25	1.14	1.16	1.39	1.52	1.45	1.38	1967
1968	1.54	1.28	1.54	1.80	1.44	1.28	---	1.17	1.24	1.23	1.42	---	---	1968
1969	---	1.58	1.40	1.88	1.97	1.56	1.45	1.41	1.39	1.22	1.50	1.35	---	1969
1970	1.05	---	---	---	---	---	---	---	---	1.35	1.38	1.51	---	1970
1971	1.22	1.44	1.49	1.82	2.00	1.31	1.17	1.17	1.24	1.26	1.24	1.18	1.38	1971
1972	---	---	1.55	1.80	2.17	1.87	1.66	1.59	1.46	1.47	1.62	1.50	---	1972
1973	1.34	1.52	1.87	2.12	---	---	---	1.59	1.39	1.43	1.40	1.36	---	1973
1974	1.30	1.31	1.59	2.06	2.41	1.96	1.62	1.41	1.33	1.23	1.55	1.56	1.61	1974
1975	1.38	1.23	1.52	1.93	1.89	1.61	---	1.23	1.20	1.31	1.43	---	---	1975
MOYEN	1.20	1.28	1.44	1.77	1.78	1.42	1.29	1.25	1.25	1.28	1.36	1.30	1.46	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .05 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 40 55
LONG 071 52 43 REGULARISE

SAINT-LAURENT (FLEUVE) A POINTE-DU-LAC - STATION NO. 02PC006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	2.65 LE 28 JAN	0.31 LE 18 JAN	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	2.90 LE 25 AVR	0.58 LE 06 JAN	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	2.95 LE 25 MAI *	0.29 LE 02 FEV *	1975

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .05 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A REPENTIGNY - STATION NO. 02OB009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1934	---	---	---	---	---	---	---	4.47	4.41	4.41	---	---	---	1934
1935	---	---	---	---	5.50	5.10	5.13	4.83	4.65	---	---	---	---	1935
1936	---	---	---	---	6.98	5.83	5.01	4.67	4.66	4.93	---	---	---	1936
1937	---	---	---	---	6.58	5.60	5.20	5.14	4.96	4.92	---	---	---	1937
1938	---	---	---	---	---	5.49	5.06	5.13	5.10	5.00	---	---	---	1938
1939	---	---	---	---	6.83	5.82	5.46	5.35	4.93	4.90	---	---	---	1939
1940	---	---	---	---	6.22	6.04	5.49	5.01	4.98	4.79	---	---	---	1940
1941	---	---	---	---	---	5.03	4.94	4.87	4.82	4.96	---	---	---	1941
1942	---	---	---	---	6.07	5.73	---	5.09	4.98	4.90	---	---	---	1942
1943	---	---	---	---	---	6.74	5.97	5.67	5.51	5.40	---	---	---	1943
1944	---	---	---	---	6.09	5.41	---	5.19	5.12	5.07	4.97	---	---	1944
1945	---	---	---	---	6.52	6.17	---	5.38	5.42	5.78	---	---	---	1945
1946	---	---	---	---	5.84	5.71	5.26	5.20	5.06	5.14	5.30	---	---	1946
1947	---	---	---	---	7.92	---	---	5.80	5.54	5.54	5.42	---	---	1947
1948	---	---	---	---	6.16	5.72	5.44	5.34	5.14	4.99	4.96	---	---	1948
1949	---	---	---	---	6.04	5.36	5.29	4.97	4.87	4.73	4.69	---	---	1949
1950	---	---	---	---	5.93	5.56	5.29	5.18	5.11	4.94	---	---	---	1950
1961	---	---	---	---	---	5.57	5.42	5.16	5.11	4.95	4.66	4.99	---	1961
1962	---	6.43	5.83	5.99	5.47	4.75	4.60	4.63	4.56	4.61	4.76	---	---	1962
1963	---	5.87	5.48	6.08	5.07	4.62	4.48	4.54	4.63	4.52	4.87	5.30	---	1963
1964	---	---	---	---	---	---	4.48	4.38	4.33	4.35	4.30	4.71	---	1964
1965	5.45	5.69	5.03	4.70	4.90	4.40	4.32	4.58	4.78	5.43	5.30	5.38	5.00	1965
1966	---	---	6.25	5.87	5.41	5.09	4.79	4.94	4.82	4.76	4.99	5.72	---	1966
1967	5.72	---	---	6.37	6.05	5.53	5.15	4.94	4.90	5.47	6.19	5.99	---	1967
1968	---	---	---	6.49	5.44	5.12	---	5.11	5.11	5.09	5.22	5.51	---	1968
1969	6.53	6.11	5.77	---	6.68	5.93	5.71	5.61	5.35	5.07	5.55	5.62	---	1969
1970	5.87	5.71	5.53	6.23	6.35	5.62	5.50	5.42	5.20	5.35	5.45	5.93	5.69	1970
1971	6.42	6.67	6.27	6.79	6.87	5.53	5.07	5.05	5.16	5.04	4.92	5.12	5.74	1971
1972	5.44	5.74	6.07	6.65	7.28	6.30	6.32	6.12	5.84	5.99	6.15	6.22	6.17	1972
1973	6.84	6.85	7.31	7.13	7.06	6.52	6.25	5.88	5.72	5.75	5.60	5.83	6.19	1973
1974	5.98	5.90	6.55	---	7.90	7.00	6.22	5.81	5.54	5.47	5.68	5.84	---	1974
1975	5.73	5.95	6.17	6.62	---	5.95	5.32	5.16	5.19	5.41	---	5.85	---	1975
1976	---	7.00	---	---	---	---	---	---	---	---	---	---	---	1976
MOYEN	6.00	6.17	6.02	6.27	6.29	5.63	5.28	5.15	5.05	5.08	5.20	5.57	5.80	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .06 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 44 32
LONG 073 26 12

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-LAURENT (FLEUVE) A CEPENTIGNY - STATION NO. 020B009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1934	---	---	---	1934
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	---	---	1937
1938	---	---	---	1938
1939	---	---	---	1939
1940	---	---	---	1940
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	6.22 LE 22 JAN	4.13 LE 28 JUN *	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	7.03 LE 06 MAI	5.05 LE 13 SEP	1970
1971	---	8.00 LE 23 AVR	4.73 LE 11 DEC	1971
1972	---	7.84 LE 10 MAI	5.20 LE 16 JAN	1972
1973	---	8.35 LE 19 MAR *	5.45 LE 20 NOV	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .06 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A SOREL - STATION NO. 02QJ022

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1912	5.52	5.50	5.48	7.25	6.07	5.97	4.74	4.48	4.42	4.42	5.12	5.04	5.33	1912
1913	6.02	6.11	6.83	6.64	5.90	5.08	4.58	4.32	4.19	4.33	4.49	4.53	5.25	1913
1914	5.06	5.16	5.26	5.97	5.28	4.62	4.44	4.13	4.06	3.93	3.98	4.53	4.70	1914
1915	4.64	4.83	5.01	5.03	5.03	4.43	4.22	4.15	4.10	4.05	3.95	4.05	4.46	1915
1916	4.82	4.90	4.78	6.28	6.27	5.88	4.93	4.43	4.19	4.25	4.25	4.87	4.99	1916
1917	5.26	5.32	5.52	6.74	5.73	5.70	5.18	4.84	4.38	4.46	4.60	5.11	5.20	1917
1918	5.52	5.40	5.98	6.74	5.58	4.98	4.87	4.30	4.38	4.75	5.16	5.03	5.22	1918
1919	5.91	5.57	5.88	6.38	6.63	5.77	4.76	4.43	4.38	4.51	4.82	4.86	5.32	1919
1920	4.75	5.27	5.85	6.37	5.39	4.58	4.40	4.19	4.11	4.07	4.13	4.60	4.81	1920
1921	4.96	4.66	5.71	5.77	5.41	4.52	4.25	4.08	3.94	4.08	4.12	4.48	4.67	1921
1922	4.97	5.25	5.68	6.32	5.78	5.10	4.68	4.37	4.16	4.02	3.92	4.38	4.88	1922
1923	4.72	4.46	4.59	5.86	6.22	5.03	4.36	4.09	4.06	3.92	3.98	4.29	4.63	1923
1924	5.00	4.94	5.61	6.31	6.37	5.19	4.51	4.31	4.34	4.43	4.10	4.59	4.98	1924
1925	4.62	5.30	6.24	5.95	---	4.87	4.45	4.24	3.99	4.07	4.28	4.63	---	1925
1926	5.17	4.92	4.88	5.73	5.92	5.08	4.56	4.20	4.01	4.06	4.65	5.13	4.86	1926
1927	4.94	4.96	5.69	5.10	4.99	4.89	4.69	4.45	4.10	4.15	5.19	5.20	4.86	1927
1928	6.02	5.88	5.81	6.84	6.85	5.73	4.96	4.68	4.54	4.96	5.06	4.67	5.50	1928
1929	5.69	5.72	6.13	6.46	6.74	5.55	5.05	4.59	4.39	4.37	4.42	5.11	5.35	1929
1930	5.82	5.48	5.71	5.74	5.64	5.39	5.29	4.69	4.36	4.24	4.03	4.53	5.08	1930
1931	5.01	4.83	4.62	4.77	4.73	4.49	4.18	4.17	4.20	4.17	4.24	4.38	4.48	1931
1932	5.55	5.30	5.10	6.03	5.22	4.73	4.60	4.65	4.87	5.01	5.26	5.21	5.10	1932
1933	5.26	4.87	4.82	6.29	5.95	4.89	4.46	4.38	4.19	4.02	3.96	4.57	4.80	1933
1934	4.85	4.57	4.78	6.27	5.67	4.81	4.39	3.99	3.94	3.92	3.91	4.66	4.65	1934
1935	5.18	5.08	5.21	5.31	4.95	4.58	4.58	4.31	4.14	4.03	4.13	4.33	4.65	1935
1936	4.74	4.44	5.61	5.68	6.25	5.26	4.45	4.17	4.17	4.42	4.64	4.78	4.89	1936
1937	5.51	5.34	5.28	5.92	5.88	4.96	4.61	4.55	4.38	4.34	4.75	4.90	5.03	1937
1938	5.38	5.55	5.78	6.20	5.70	4.80	4.45	4.56	4.53	4.41	4.19	4.38	4.99	1938
1939	5.28	5.14	5.19	6.11	6.08	5.10	4.78	4.70	4.32	4.31	4.23	4.46	4.97	1939
1940	4.67	4.61	4.48	5.56	5.59	5.29	4.77	4.37	4.36	4.20	4.31	5.33	4.80	1940
1941	5.47	5.24	4.98	5.71	4.95	4.44	4.38	4.32	4.29	4.38	4.72	4.72	4.80	1941
1942	5.23	5.14	5.43	5.90	5.42	5.06	4.59	4.49	4.39	4.33	4.45	4.81	4.94	1942
1943	5.62	5.36	5.71	6.51	6.74	5.91	5.19	4.95	4.77	4.68	4.89	5.09	5.45	1943
1944	5.34	5.12	5.05	5.30	5.37	4.72	4.62	4.54	4.47	4.44	4.34	4.45	4.81	1944
1945	4.68	4.80	5.68	5.76	5.74	5.35	4.83	4.66	4.69	5.04	4.95	5.28	5.12	1945
1946	5.90	5.53	5.92	5.35	5.12	4.93	4.56	4.53	4.41	4.48	4.60	4.84	5.01	1946
1947	5.59	5.66	5.55	6.47	7.04	6.97	5.60	5.02	4.77	4.59	4.50	4.62	5.53	1947
1948	5.39	5.32	5.78	5.77	5.38	4.95	4.70	4.61	4.44	4.30	4.29	4.37	4.94	1948
1949	5.27	5.17	5.41	5.89	5.25	4.63	4.56	4.33	4.23	4.08	4.08	4.24	4.76	1949
1950	5.67	5.79	5.78	6.24	5.14	4.80	4.54	4.46	4.41	4.26	4.49	4.74	5.02	1950
1951	5.32	5.15	5.77	7.17	5.83	4.89	4.95	4.69	4.55	4.57	4.99	5.22	5.26	1951
1952	6.28	6.13	5.86	6.51	5.92	5.48	4.88	4.85	4.65	4.59	4.41	4.71	5.35	1952
1953	5.56	5.51	5.83	6.06	5.36	4.71	4.59	4.52	4.39	4.25	4.09	---	---	1953
1954	5.33	5.26	5.55	6.11	5.66	5.34	4.77	4.54	4.61	5.11	5.01	4.95	5.18	1954
1955	5.23	5.42	6.13	6.90	5.50	4.81	4.54	4.48	4.36	4.38	4.59	4.71	5.08	1955
1956	5.53	5.06	5.08	5.62	5.47	5.16	4.71	4.58	4.67	4.51	4.30	4.41	4.92	1956
1957	5.20	5.23	5.26	4.73	4.63	4.45	4.88	4.25	4.20	4.20	4.49	4.72	4.68	1957
1958	5.40	5.36	5.29	5.69	4.67	4.44	4.40	4.17	4.23	4.32	4.26	---	---	1958
1959	4.72	4.93	---	---	4.99	4.64	4.27	4.17	4.07	4.08	4.49	---	---	1959
1960	5.02	5.41	5.24	6.49	---	4.99	4.87	4.53	4.16	3.92	3.98	4.32	---	1960
1961	4.96	5.15	5.09	5.38	5.07	4.77	4.63	4.40	4.39	4.23	3.98	4.31	4.69	1961
1962	4.92	5.02	4.76	5.29	4.84	4.12	3.98	4.00	3.93	4.00	4.16	---	---	1962
1963	---	4.88	4.68	5.42	4.48	3.99	3.86	3.93	4.00	3.90	4.30	---	---	1963
1964	5.06	4.89	4.81	4.57	4.26	3.99	3.89	3.81	3.74	3.77	3.73	4.13	4.22	1964
1965	4.42	4.72	4.24	4.12	4.23	3.76	3.72	3.98	4.16	4.74	4.63	4.69	4.28	1965
1966	5.51	5.48	5.44	5.21	4.79	4.48	4.18	4.34	4.25	4.18	4.40	5.06	4.77	1966
1967	5.11	5.86	5.23	5.63	5.37	4.86	4.63	4.31	4.27	4.83	5.41	5.26	5.06	1967
1968	6.03	5.49	5.38	5.78	4.81	4.47	4.57	---	4.52	4.41	4.56	4.85	---	1968
1969	5.49	5.35	5.06	5.94	5.96	5.21	4.96	4.86	4.66	4.40	4.87	4.94	5.14	1969
1970	5.19	5.05	4.83	5.55	5.67	4.92	4.77	4.70	4.53	4.67	4.74	5.17	4.98	1970
1971	5.37	5.55	5.31	6.00	6.13	4.82	4.39	4.40	4.52	4.39	4.27	4.46	4.96	1971
1972	4.68	5.02	5.28	5.85	6.48	5.52	5.48	5.31	5.02	5.08	5.34	5.48	5.38	1972
1973	5.87	5.93	6.41	6.28	6.24	5.64	5.39	5.10	4.93	4.96	4.81	5.09	5.55	1973
1974	5.18	5.13	5.66	6.29	7.08	6.13	5.37	5.00	4.76	4.69	4.93	5.08	5.44	1974
1975	4.98	5.13	5.35	5.81	5.73	5.15	4.57	4.43	4.46	4.67	4.84	---	---	1975
1976	---	5.66	6.07	6.94	6.24	5.38	5.34	5.14	4.80	4.97	4.80	4.77	---	1976
1977	5.12	4.76	5.43	5.99	5.20	4.51	4.26	4.36	4.61	---	4.99	5.21	---	1977
1978	5.63	5.72	5.28	6.16	5.84	5.01	4.66	---	4.43	4.47	4.27	4.26	---	1978
1979	4.92	---	5.51	---	6.02	---	4.66	4.63	4.85	4.95	5.06	---	---	1979
1980	---	4.81	4.89	5.51	5.23	4.62	4.69	4.83	4.87	5.01	---	---	---	1980
1981	---	---	5.42	5.70	5.19	5.04	4.64	4.77	4.89	4.99	5.14	4.84	---	1981
1982	4.76	4.87	4.85	5.68	5.32	4.66	4.55	4.42	4.42	4.35	4.54	---	---	1982
1983	4.78	5.04	5.18	5.60	---	5.56	4.62	---	4.47	4.45	---	---	---	1983
1984	4.83	5.10	5.26	6.12	5.54	5.30	5.08	---	---	4.43	4.52	---	---	1984
1985	5.27	5.32	5.30	5.63	5.60	4.82	---	---	4.66	4.66	4.70	---	---	1985
1986	4.76	---	5.15	5.99	5.52	5.15	5.00	5.12	---	5.10	5.06	---	---	1986
1987	4.85	---	5.18	5.78	4.79	4.81	4.69	4.46	4.39	---	---	4.78	---	1987
1988	4.58	4.94	---	5.51	4.88	4.24	4.13	---	4.31	4.59	---	4.68	---	1988
1989	4.54	4.50	4.40	4.95	5.09	4.94	4.52	4.36	---	4.28	4.73	4.90	---	1989
1990	---	---	5.15	---	5.33	4.88	4.65	4.50	4.30	4.81	4.84	5.04	---	1990
MOYEN	5.20	5.21	5.37	5.89	5.57	4.98	4.65	4.47	4.38	4.42	4.53	4.75	4.98	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 46 02 49
LONG 073 06 58 REGULARISE

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A SOREL - STATION NO. 02OJ022

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1912	---	8.84 LE 23 AVR *	4.07 LE 19 OCT	1912
1913	---	8.11 LE 28 MAR	4.04 LE 28 SEP	1913
1914	---	6.30 LE 24 AVR	3.76 LE 15 OCT	1914
1915	5.87 LE 01 MAI A 14:00 HNE	5.79 LE 02 MAI	3.79 LE 02 NOV	1915
1916	6.76 LE 21 MAI A 20:00 HNE	6.75 LE 22 MAI	3.95 LE 22 NOV	1916
1917	7.32 LE 06 AVR A 5:00 HNE	7.28 LE 05 AVR	4.11 LE 27 SEP	1917
1918	8.14 LE 06 AVR *	8.14 LE 06 AVR	4.09 LE 20 AOU	1918
1919	6.93 LE 13 AVR A 15:00 HNE	6.88 LE 13 AVR	4.12 LE 06 SEP	1919
1920	7.71 LE 30 MAR A 14:00 HNE	7.69 LE 30 MAR	3.74 LE 25 OCT	1920
1921	7.02 LE 25 MAR A 14:00 HNE	6.86 LE 25 MAR	3.76 LE 26 SEP	1921
1922	6.78 LE 23 AVR A 5:00 HNE	6.77 LE 22 AVR	3.69 LE 30 NOV	1922
1923	6.60 LE 15 AVR A 4:00 HNE	6.59 LE 14 AVR	3.65 LE 22 OCT	1923
1924	7.50 LE 11 AVR A 9:22 HNE	7.45 LE 11 AVR	3.77 LE 21 NOV	1924
1925	7.81 LE 31 MAR A 2:05 HNE	---	---	1925
1926	7.25 LE 30 AVR A 4:20 HNE	7.07 LE 27 AVR	3.83 LE 17 OCT	1926
1927	6.63 LE 21 MAR A 21:44 HNE	6.60 LE 21 MAR	3.88 LE 06 OCT	1927
1928	7.87 LE 10 AVR A 22:40 HNE	7.86 LE 11 AVR	4.23 LE 10 SEP	1928
1929	7.24 LE 08 AVR A 21:17 HNE	7.17 LE 09 MAI	4.01 LE 01 DEC	1929
1930	6.38 LE 13 AVR A 6:48 HNE	6.31 LE 11 JAN	3.78 LE 30 NOV	1930
1931	5.36 LE 02 AVR A 1:38 HNE	5.31 LE 02 AVR	3.97 LE 07 SEP	1931
1932	7.00 LE 13 AVR A 21:32 HNE	6.96 LE 13 AVR	4.45 LE 30 JUN	1932
1933	6.85 LE 20 AVR A 1:16 HNE	6.82 LE 20 AVR	3.74 LE 13 NOV	1933
1934	7.41 LE 14 AVR A 12:23 HNE	7.33 LE 14 AVR	3.59 LE 30 OCT	1934
1935	5.64 LE 03 MAI A 19:00 HNE	5.61 LE 04 MAI	3.81 LE 22 OCT	1935
1936	7.37 LE 23 MAR A 8:00 HNE	7.30 LE 23 MAR	4.00 LE 28 AOU	1936
1937	6.78 LE 09 AVR A 8:28 HNE	6.71 LE 10 AVR	4.05 LE 18 OCT	1937
1938	7.43 LE 28 MAR A 16:47 HNE	7.35 LE 28 MAR	4.01 LE 04 DEC	1938
1939	7.56 LE 24 AVR A 21:33 HNE	7.50 LE 25 AVR	4.00 LE 27 NOV	1939
1940	6.47 LE 21 AVR A 18:29 HNE	6.39 LE 22 AVR	4.06 LE 28 OCT	1940
1941	5.96 LE 25 AVR A 4:45 HNE	5.95 LE 25 AVR	4.08 LE 01 OCT	1941
1942	6.33 LE 02 MAI A 3:30 HNE	6.31 LE 02 MAI	4.17 LE 07 SEP	1942
1943	7.25 LE 15 MAI A 3:28 HNE	7.24 LE 15 MAI	4.50 LE 12 OCT	1943
1944	5.87 LE 13 MAI A 7:30 HNE	5.84 LE 13 MAI	4.14 LE 11 DEC	1944
1945	6.83 LE 23 MAR A 4:48 HNE	6.77 LE 22 MAR	4.43 LE 21 JAN	1945
1946	6.61 LE 20 MAR A 6:11 HNE	6.57 LE 19 MAR	4.29 LE 07 OCT	1946
1947	7.64 LE 25 MAI A 14:27 HNE	7.60 LE 25 MAI	4.28 LE 23 NOV	1947
1948	7.25 LE 30 MAR A 5:14 HNE	7.15 LE 28 MAR	4.03 LE 12 NOV	1948
1949	6.73 LE 01 AVR A 22:49 HNE	6.65 LE 30 MAR	3.87 LE 02 NOV	1949
1950	7.45 LE 09 AVR A 13:12 HNE	7.42 LE 07 AVR	4.08 LE 06 OCT	1950
1951	7.98 LE 05 AVR	7.93 LE 05 AVR	4.39 LE 28 SEP	1951
1952	7.19 LE 08 AVR A 14:45 HNE	7.17 LE 08 AVR	4.17 LE 14 NOV	1952
1953	6.94 LE 29 MAR A 6:00 HNE	---	---	1953
1954	6.71 LE 19 AVR A 6:50 HNE	6.68 LE 19 AVR	4.09 LE 01 JAN	1954
1955	7.23 LE 24 AVR A 19:18 HNE	7.18 LE 24 AVR	4.16 LE 27 SEP	1955
1956	6.56 LE 10 AVR A 22:20 HNE	6.50 LE 10 AVR	4.03 LE 12 NOV	1956
1957	5.82 LE 24 JAN A 1:23 HNE	5.79 LE 24 JAN	4.02 LE 15 OCT	1957
1958	6.26 LE 07 AVR A 3:34 HNE	---	---	1958
1959	5.61 LE 27 AVR A 23:35 HNE	---	---	1959
1960	6.93 LE 23 AVR A 4:45 HNE	---	---	1960
1961	5.88 LE 18 AVR A 15:00 HNE	5.79 LE 18 AVR	3.81 LE 03 DEC	1961
1962	6.28 LE 10 AVR A 20:40 HNE	---	---	1962
1963	6.52 LE 16 AVR A 6:38 HNE	---	---	1963
1964	5.58 LE 28 JAN A 19:50 HNE	5.54 LE 28 JAN	3.48 LE 16 NOV	1964
1965	5.16 LE 12 FEV A 10:20 HNE	5.12 LE 12 FEV	3.43 LE 29 MAR *	1965
1966	6.09 LE 28 JAN A 23:32 HNE	5.91 LE 22 JAN	4.02 LE 26 SEP	1966
1967	6.36 LE 05 FEV A 3:22 HNE	6.20 LE 24 FEV	4.11 LE 30 AOU	1967
1968	7.33 LE 25 JAN	---	---	1968
1969	6.45 LE 19 AVR A 19:42 HNE	6.41 LE 20 AVR	4.21 LE 19 OCT	1969
1970	6.44 LE 07 MAI A 16:25 HNE	6.37 LE 06 MAI	4.36 LE 13 SEP	1970
1971	7.23 LE 24 AVR A 3:10 HNE	7.21 LE 24 AVR	4.15 LE 14 NOV	1971
1972	7.01 LE 10 MAI A 3:10 HNE	6.97 LE 10 MAI	4.47 LE 16 JAN	1972
1973	7.51 LE 20 MAR A 6:20 HNE	7.48 LE 20 MAR	4.64 LE 06 NOV	1973
1974	7.43 LE 26 MAI A 20:35 HNE	7.39 LE 26 MAI	4.52 LE 29 OCT	1974
1975	6.72 LE 27 AVR A 18:29 HNE	---	---	1975
1976	8.11 LE 03 AVR A 21:30 HNE	---	---	1976
1977	6.67 LE 18 MAR A 8:32 HNE	---	---	1977
1978	6.79 LE 22 AVR A 2:55 HNE	---	---	1978
1979	6.61 LE 02 MAI A 20:20 HNE	---	---	1979
1980	6.13 LE 17 AVR A 17:07 HNE	---	---	1980
1981	7.10 LE 26 FEV A 08:50 HNE	7.09 LE 26 FEV	4.41 LE 28 JUL	1981
1982	6.30 LE 29 AVR A 23:26 HNE	6.27 LE 29 AVR	4.05 LE 26 OCT	1982
1983	6.98 LE 13 MAI A 15:10 HNE	6.98 LE 13 MAI	4.25 LE 31 OCT	1983
1984	6.88 LE 19 AVR A 3:31 HNE	6.83 LE 19 AVR	4.14 LE 04 NOV	1984
1985	6.20 LE 04 MAI A 17:37 HNE	6.18 LE 04 MAI	---	1985
1986	6.44 LE 03 AVR A 1:10 HNE	6.42 LE 02 AVR	4.33 LE 01 JAN	1986
1987	6.75 LE 02 AVR A 18:59 HNE	6.72 LE 02 AVR	4.12 LE 16 NOV	1987
1988	5.98 LE 08 AVR A 17:00 HNE	---	---	1988
1989	5.75 LE 08 AVR A 17:40 HNE	---	---	1989
1990	6.13 LE 29 AVR A 17:58 HNE	6.11 LE 30 AVR	4.12 LE 28 SEP	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A TRACY - STATION NO. 02OJ027

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1987	4.999	---	---	5.956	---	5.003	4.852	4.628	---	4.589	4.458	4.979	---	1987
1988	4.785	5.073	4.663	5.534	5.044	4.394	4.286	4.497	4.455	4.757	5.436	4.800	4.807	1988
1989	4.689	4.653	4.560	---	5.256	5.127	4.705	4.530	4.410	---	---	4.978	---	1989
MOYEN	4.824	4.863	4.612	5.745	5.150	4.841	4.614	4.552	4.432	4.673	4.947	4.919	4.807	MOYEN

PLAN DE REFERENCE - GEODESIQUES

LOCATION - LAT 45 59 46
LONG 073 10 28

DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-LAURENT (FLEUVE) A TRACY - STATION NO. 020J027

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1987	6.913 LE 02 AVR A 17:40 HNE *	6.891 LE 02 AVR *	4.114 LE 15 NOV	1987
1988	5.984 LE 08 AVR A 19:50 HNE	5.969 LE 08 AVR	4.090 LE 25 JUN *	1988
1989	---	---	---	1989

PLAN DE REFERENCE - GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A TROIS-RIVIERES - STATION NO. 02NG010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1900	---	---	---	---	5.35	4.49	4.41	3.98	3.64	3.74	---	---	---	1900
1901	---	---	---	---	5.56	4.80	3.88	3.54	3.32	3.32	3.30	---	---	1901
1902	---	---	---	---	---	4.97	4.30	3.99	3.60	3.61	3.97	---	---	1902
1903	---	---	---	---	---	4.49	4.35	3.98	3.69	3.89	---	---	---	1903
1906	---	---	---	---	---	4.68	3.98	3.51	3.27	3.33	---	---	---	1906
1912	---	---	---	---	---	---	---	---	3.79	4.06	4.58	---	---	1912
1913	---	---	---	---	5.33	4.47	3.94	3.60	3.46	3.60	3.89	---	---	1913
1914	---	---	---	---	4.71	4.02	3.76	3.37	3.33	3.25	---	---	---	1914
1915	---	---	---	---	4.53	3.86	3.59	3.40	3.34	3.40	3.38	---	---	1915
1916	---	---	---	---	5.79	5.26	4.26	3.74	3.50	3.63	---	---	---	1916
1917	---	---	---	---	5.15	5.12	4.57	4.21	3.71	3.85	3.97	---	---	1917
1918	---	---	---	---	5.07	4.42	4.30	3.66	3.78	4.12	---	---	---	1918
1919	---	---	---	---	6.06	5.10	4.13	3.76	3.70	3.86	---	---	---	1919
1920	---	---	---	---	4.86	4.01	---	3.53	3.45	3.47	---	---	---	1920
1921	---	---	---	---	4.81	3.91	3.60	3.38	3.26	3.51	---	---	---	1921
1922	---	---	---	---	5.15	4.50	4.03	3.66	3.46	3.38	---	---	---	1922
1923	---	---	---	---	5.68	---	3.69	3.40	---	---	---	---	---	1923
1924	---	---	---	---	---	4.60	3.88	3.63	3.71	3.85	3.58	3.65	---	1924
1925	3.70	4.71	5.60	5.34	4.80	4.32	3.86	3.60	3.35	3.52	3.75	3.77	4.19	1925
1926	3.65	3.80	3.63	4.47	5.40	4.51	3.94	3.52	3.33	3.44	4.05	3.92	3.97	1926
1927	3.73	3.73	4.48	4.41	4.43	4.30	4.08	3.77	3.41	3.55	4.67	4.53	4.09	1927
1928	4.26	4.11	4.06	5.76	6.32	5.16	4.35	4.01	3.89	4.33	4.42	4.06	4.56	1928
1929	4.06	3.99	4.66	5.64	6.16	4.95	4.43	3.94	3.72	3.76	3.84	3.78	4.41	1929
1930	4.54	4.23	4.53	5.06	5.10	4.80	4.65	4.04	3.69	3.55	3.39	3.36	4.25	1930
1931	3.54	3.57	3.73	4.20	4.11	3.83	3.44	3.29	3.24	3.18	3.24	3.33	3.56	1931
1932	3.84	3.88	3.77	5.24	4.49	3.89	3.73	3.65	3.83	4.08	4.41	3.73	4.03	1932
1933	3.91	3.58	3.67	5.57	5.29	4.05	3.50	3.39	3.20	3.08	3.05	3.49	3.82	1933
1934	3.89	3.33	3.60	5.49	4.99	3.96	3.44	2.94	2.90	2.91	2.99	3.16	3.63	1934
1935	3.74	3.47	3.80	4.45	4.16	3.73	3.59	3.26	3.12	3.07	3.23	3.08	3.56	1935
1936	3.29	3.15	4.58	4.85	5.56	4.39	3.51	3.17	3.22	3.57	3.79	3.47	3.88	1936
1937	4.17	4.03	3.90	4.89	5.18	4.11	3.65	3.53	3.37	3.42	3.94	3.68	3.99	1937
1938	3.58	4.14	4.39	5.44	5.01	3.99	3.54	3.66	3.64	3.58	3.40	3.51	3.99	1938
1939	3.64	4.00	4.02	5.05	5.45	4.36	4.01	3.91	3.48	3.55	3.46	3.41	4.03	1939
1940	3.47	3.50	3.51	4.73	5.01	4.58	3.95	3.45	3.42	3.27	3.44	3.66	3.83	1940
1941	4.00	3.69	3.56	4.78	4.14	3.55	3.44	3.30	3.32	3.49	3.93	3.64	3.74	1941
1942	3.62	3.70	4.28	5.16	4.72	4.26	3.65	3.47	3.37	3.37	3.60	3.75	3.91	1942
1943	4.91	4.41	4.79	5.64	6.11	5.21	4.37	4.08	3.86	3.82	4.11	3.68	4.58	1943
1944	3.86	3.73	3.83	4.41	4.67	3.87	3.71	3.58	3.50	3.54	3.51	3.37	3.80	1944
1945	3.46	3.59	4.63	5.15	5.06	4.58	3.95	3.69	3.73	4.21	4.14	4.06	4.19	1945
1946	4.28	4.23	4.89	4.68	4.45	4.16	3.67	3.58	3.41	3.60	3.80	3.91	4.05	1946
1947	4.13	4.52	4.38	5.53	6.41	6.30	4.83	4.17	3.89	3.72	3.73	3.64	4.60	1947
1948	3.82	4.20	4.70	4.96	4.71	4.16	3.84	3.67	3.51	3.42	3.48	3.47	3.99	1948
1949	3.85	3.90	4.31	5.21	4.56	3.84	3.66	3.34	3.28	3.19	3.30	3.43	3.82	1949
1950	3.75	4.02	4.49	5.17	4.52	4.16	3.77	3.57	3.51	3.45	3.81	3.94	4.01	1950
1951	4.13	4.02	4.73	6.45	5.19	4.15	4.12	3.80	3.68	3.78	4.29	4.32	4.39	1951
1952	4.66	4.74	4.74	5.77	5.30	4.83	4.10	4.00	3.79	3.82	3.70	4.01	4.45	1952
1953	4.13	4.28	4.84	5.47	4.72	3.98	3.76	3.59	3.51	3.43	3.38	3.46	4.04	1953
1954	3.93	4.11	4.49	5.39	5.06	4.71	4.04	---	3.82	4.43	4.33	4.25	---	1954
1955	4.36	4.25	4.75	6.08	4.89	4.12	3.74	3.61	3.48	3.59	3.93	3.68	4.20	1955
1956	4.09	3.86	3.93	4.84	4.83	4.49	3.96	3.80	3.90	3.82	3.63	3.72	4.07	1956
1957	4.11	4.42	4.47	4.11	---	3.80	4.25	3.59	---	3.54	3.88	4.08	---	1957
1958	4.64	---	4.27	5.09	4.08	3.84	3.77	3.54	3.61	3.69	3.67	3.57	---	1958
1959	3.67	3.88	3.99	5.11	4.40	4.01	3.61	3.51	3.41	3.44	3.88	3.98	3.91	1959
1960	3.93	4.38	4.35	5.74	5.63	4.35	4.20	3.86	3.50	3.30	3.37	3.32	4.16	1960
1961	3.99	---	4.21	---	---	4.14	---	3.73	3.75	3.58	3.37	3.57	---	1961
1962	3.72	4.01	3.91	---	4.30	3.53	3.36	3.35	3.26	3.38	3.55	3.31	---	1962
1963	3.82	3.87	3.80	4.80	3.95	3.39	3.21	3.25	3.33	3.25	3.74	3.59	3.66	1963
1964	3.97	3.91	4.00	3.99	3.75	3.40	3.25	3.12	3.02	3.09	3.12	3.34	3.49	1964
1965	3.52	3.80	3.49	3.59	3.72	3.22	3.04	3.21	3.38	4.06	3.93	3.90	3.57	1965
1966	4.06	4.10	4.50	4.53	4.14	3.74	3.35	3.44	3.33	3.33	3.59	4.17	3.86	1966
1967	3.99	4.24	3.95	4.83	4.62	4.05	3.82	3.47	3.41	4.01	4.51	4.33	4.10	1967
1968	4.98	4.38	4.43	5.04	3.99	3.62	3.67	3.53	3.60	3.54	3.70	3.82	4.02	1968
1969	4.02	4.22	4.01	5.15	5.27	4.36	4.07	3.95	3.79	3.54	4.04	3.94	4.20	1969
1970	3.92	3.92	3.82	4.82	4.97	4.12	3.93	---	3.70	3.83	3.91	4.08	---	1970
1971	3.99	4.22	4.24	5.16	5.45	4.00	3.54	3.54	3.68	3.57	3.48	3.62	4.04	1971
1972	3.67	3.82	4.19	5.04	5.79	4.77	4.69	4.52	4.21	4.31	4.56	4.44	4.50	1972
1973	4.53	4.69	5.43	5.54	5.54	4.85	4.58	4.32	4.12	4.16	4.01	4.24	4.67	1973
1974	4.22	4.22	4.75	5.55	6.46	5.43	4.59	4.18	3.94	3.87	4.16	4.32	4.64	1974
1975	4.11	4.04	4.43	5.07	5.05	4.40	3.76	---	---	3.84	---	---	---	1975
1976	---	4.56	5.03	6.26	5.56	4.56	4.55	4.35	4.06	---	4.04	---	---	1976
1977	---	3.78	4.57	---	4.50	---	---	3.49	---	4.39	---	4.29	---	1977
MOYEN	3.97	4.02	4.29	5.09	5.00	4.32	3.91	3.65	3.54	3.63	3.77	3.77	4.06	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .05 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 20 06
LONG 072 32 38

REGULARISE

SAINT-LAURENT (FLEUVE) A TROIS-RIVIERES - STATION NO. 02NG010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1900	---	---	---	1900
1901	---	---	---	1901
1902	---	---	---	1902
1903	---	---	---	1903
1906	---	---	---	1906
1912	---	---	---	1912
1913	---	---	---	1913
1914	---	---	---	1914
1915	---	---	---	1915
1916	---	---	---	1916
1917	---	---	---	1917
1918	---	---	---	1918
1919	---	---	---	1919
1920	---	---	---	1920
1921	---	---	---	1921
1922	---	---	---	1922
1923	---	---	---	1923
1924	---	---	---	1924
1925	---	7.15 LE 31 MAR *	2.92 LE 30 DEC	1925
1926	---	6.20 LE 27 AVR	3.13 LE 01 OCT	1926
1927	---	5.59 LE 22 MAR	3.17 LE 06 OCT	1927
1928	---	6.80 LE 26 MAI	3.50 LE 10 SEP	1928
1929	---	6.62 LE 09 MAI	3.22 LE 12 DEC	1929
1930	---	5.54 LE 12 AVR	3.01 LE 17 DEC	1930
1931	---	4.77 LE 03 AVR	2.90 LE 07 SEP	1931
1932	---	6.34 LE 13 AVR	3.29 LE 19 DEC	1932
1933	---	6.19 LE 21 AVR	2.64 LE 12 NOV	1933
1934	---	6.52 LE 14 AVR	2.40 LE 30 OCT	1934
1935	---	4.95 LE 03 MAI	2.39 LE 23 DEC *	1935
1936	---	6.64 LE 23 MAR	2.81 LE 03 FEV	1936
1937	---	5.65 LE 11 AVR	2.98 LE 14 OCT	1937
1938	---	6.12 LE 01 AVR	2.73 LE 31 DEC	1938
1939	---	6.64 LE 25 AVR	2.81 LE 01 JAN	1939
1940	---	5.75 LE 22 AVR	3.05 LE 14 OCT	1940
1941	---	5.32 LE 25 AVR	2.91 LE 18 AOU	1941
1942	---	5.79 LE 02 MAI	2.90 LE 18 DEC	1942
1943	---	6.56 LE 15 MAI	3.32 LE 17 DEC	1943
1944	---	5.25 LE 11 MAI	3.10 LE 11 DEC	1944
1945	---	6.11 LE 05 AVR	3.03 LE 22 JAN	1945
1946	---	5.61 LE 19 MAR	3.17 LE 07 SEP	1946
1947	---	7.02 LE 24 MAI	3.37 LE 26 OCT	1947
1948	---	6.24 LE 28 MAR	2.99 LE 27 DEC	1948
1949	---	5.82 LE 01 AVR	2.91 LE 17 OCT	1949
1950	---	5.80 LE 08 AVR	3.06 LE 28 DEC	1950
1951	---	6.86 LE 06 AVR	3.41 LE 27 SEP	1951
1952	---	6.37 LE 09 AVR	3.35 LE 14 NOV	1952
1953	---	6.35 LE 31 MAR	3.12 LE 01 DEC	1953
1954	---	---	---	1954
1955	---	6.51 LE 24 AVR	3.14 LE 27 SEP	1955
1956	---	5.48 LE 10 AVR	3.26 LE 12 NOV	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	5.97 LE 10 AVR	3.00 LE 27 SEP	1959
1960	---	6.32 LE 19 AVR	2.88 LE 14 OCT	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	5.58 LE 06 AVR	2.83 LE 01 AOU	1963
1964	---	4.59 LE 17 AVR	2.63 LE 16 SEP	1964
1965	---	4.49 LE 25 OCT	2.66 LE 29 MAR	1965
1966	---	5.16 LE 26 MAR	3.06 LE 26 SEP	1966
1967	---	5.20 LE 06 AVR	3.16 LE 30 AOU	1967
1968	---	6.67 LE 24 JAN	3.13 LE 16 OCT	1968
1969	---	5.72 LE 20 AVR	3.27 LE 06 OCT	1969
1970	---	---	---	1970
1971	---	6.50 LE 24 AVR	3.27 LE 02 AOU	1971
1972	---	6.28 LE 11 MAI	3.38 LE 12 FEV	1972
1973	---	6.69 LE 20 MAR	3.77 LE 05 NOV	1973
1974	---	6.78 LE 26 MAI	3.64 LE 25 OCT	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER .05 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A VARENNES - STATION NO. 02OA050

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1897	---	---	---	---	7.50	6.63	5.92	5.61	5.25	4.92	5.04	6.08	---	1897
1898	7.86	7.79	8.93	6.87	6.36	6.23	5.87	5.42	5.28	5.17	---	---	---	1898
1899	---	---	---	---	7.63	6.53	5.95	---	5.07	5.30	---	---	---	1899
1900	---	---	---	---	6.94	6.19	6.07	5.76	5.36	5.40	---	---	---	1900
1901	---	---	---	---	7.13	6.42	5.60	5.29	5.11	5.02	4.96	---	---	1901
1913	---	---	---	---	---	6.15	---	---	5.20	5.28	5.53	---	---	1913
1914	---	---	---	---	---	5.61	5.43	5.09	5.00	---	---	---	---	1914
1915	---	---	---	---	5.92	5.40	5.18	---	5.08	5.04	4.91	---	---	1915
1916	---	---	---	---	7.52	6.98	6.00	5.49	5.21	5.23	---	---	---	1916
1917	---	---	---	---	6.78	6.75	6.28	5.92	5.46	5.46	---	---	---	1917
1918	---	---	---	---	---	6.07	5.93	5.38	5.42	5.81	---	---	---	1918
1919	---	---	---	---	7.76	6.94	5.84	5.47	5.40	5.55	---	---	---	1919
1920	---	---	---	---	6.34	5.55	5.38	5.16	5.05	4.97	---	---	---	1920
1921	---	---	---	---	6.45	5.55	5.24	5.05	4.86	4.96	---	---	---	1921
1922	---	---	---	---	6.88	6.04	5.62	---	5.08	4.94	---	---	---	1922
1923	---	---	---	---	7.20	6.05	5.34	5.02	4.99	---	---	---	---	1923
1924	---	---	---	---	7.34	6.23	5.51	5.27	5.22	5.35	---	6.32	---	1924
1925	6.73	7.03	7.97	7.15	6.28	5.86	5.45	5.16	4.85	4.88	5.13	5.68	6.01	1925
1926	7.46	6.70	8.60	7.63	6.87	6.11	5.54	5.12	4.89	4.95	5.60	7.25	6.22	1926
1927	7.79	7.35	8.12	6.36	5.98	5.93	5.71	5.47	5.04	5.07	6.02	6.17	6.25	1927
1928	8.49	8.52	8.35	---	7.91	6.77	6.01	5.70	5.56	6.03	6.15	5.73	---	1928
1929	8.05	8.36	8.77	7.95	7.86	6.64	6.15	5.65	5.42	5.36	5.42	7.13	6.89	1929
1930	8.00	7.46	7.55	7.03	6.62	6.42	6.39	5.72	5.34	5.18	4.97	5.56	6.35	1930
1931	7.29	7.19	6.48	5.65	5.61	5.38	5.03	4.96	4.92	4.85	4.90	5.09	5.60	1931
1932	5.89	7.75	7.07	7.15	6.11	5.58	5.44	5.44	5.69	5.86	6.16	6.67	6.23	1932
1933	7.10	6.52	6.19	7.30	6.88	5.76	5.24	5.12	4.90	4.71	4.62	6.00	5.86	1933
1934	6.33	6.01	6.27	7.41	6.61	5.63	5.13	4.64	4.58	4.58	4.54	5.91	5.64	1934
1935	6.68	6.34	6.48	6.21	5.69	5.30	5.34	---	4.83	4.69	4.78	5.24	---	1935
1936	6.25	5.67	6.80	6.51	7.17	6.13	5.21	4.88	4.86	5.12	5.37	5.80	5.82	1936
1937	7.38	7.03	6.80	7.21	6.80	5.80	5.40	5.34	5.16	5.11	5.60	5.99	6.13	1937
1938	7.39	7.18	7.33	7.29	6.64	5.69	5.25	5.31	5.28	5.19	4.94	5.09	6.04	1938
1939	6.93	6.39	6.45	7.21	7.02	6.02	5.64	5.54	5.11	5.07	5.00	5.51	5.99	1939
1940	6.86	6.47	5.97	6.61	6.40	6.24	5.69	5.21	5.17	4.98	5.05	6.93	5.96	1940
1941	6.97	6.63	6.33	6.73	5.83	5.22	5.13	5.06	5.01	5.14	5.51	5.52	5.75	1941
1942	7.33	6.96	7.04	6.85	6.24	5.91	5.39	5.28	5.17	5.09	5.23	6.14	6.05	1942
1943	7.30	7.17	7.29	7.91	7.78	6.95	6.18	5.88	5.76	5.62	5.79	7.01	6.72	1943
1944	7.98	7.40	6.91	6.43	6.31	5.65	5.52	5.41	5.34	5.27	5.16	5.92	6.11	1944
1945	7.01	6.84	7.45	6.69	6.70	6.37	5.79	5.60	5.62	5.98	5.90	6.79	6.39	1945
1946	8.41	7.62	7.69	6.30	6.05	5.91	5.49	5.43	5.29	5.35	5.50	5.95	6.24	1946
1947	7.94	7.57	7.10	7.71	8.12	8.10	6.69	6.03	5.76	5.55	5.44	5.59	6.79	1947
1948	7.59	7.06	7.39	6.79	6.35	5.93	5.66	5.56	5.35	5.19	5.16	5.27	6.11	1948
1949	6.85	7.88	7.15	6.93	6.24	5.55	5.50	5.17	5.06	4.93	4.88	5.07	5.92	1949
1950	7.02	7.35	6.92	7.35	6.15	5.77	5.51	5.40	5.33	5.15	5.38	5.95	6.10	1950
1951	8.46	7.98	7.79	8.42	6.87	5.91	6.02	5.69	5.56	5.58	6.06	6.23	6.71	1951
1952	8.27	8.34	7.49	7.63	7.00	6.55	5.96	5.92	5.67	5.59	6.37	5.73	6.62	1952
1953	8.02	8.06	7.55	7.09	6.33	5.70	5.56	5.46	5.31	5.18	4.99	5.06	6.18	1953
1954	7.31	7.25	6.88	---	6.62	6.31	5.78	5.52	5.57	6.12	---	5.93	---	1954
1955	6.18	7.72	7.70	7.97	6.42	5.77	5.49	5.40	5.27	5.32	5.61	5.93	6.22	1955
1956	7.91	6.53	6.43	---	6.49	6.17	5.71	5.57	5.70	5.54	5.24	5.55	---	1956
1957	7.77	7.48	6.70	---	5.55	5.36	5.91	5.17	5.12	5.13	5.39	5.58	---	1957
1958	7.44	7.12	6.70	6.54	5.47	5.26	5.24	5.00	5.07	5.19	5.13	6.53	5.89	1958
1959	6.41	6.57	6.38	6.96	5.96	---	5.12	5.01	4.93	4.92	---	---	---	1959
1960	7.42	5.87	6.83	7.62	7.31	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	5.96	---	---	---	---	---	---	---	---	1961
1962	6.88	6.68	6.03	---	---	5.77	5.63	5.36	5.32	5.16	4.85	5.16	---	1962
1963	6.63	6.22	5.75	6.24	5.25	4.93	4.78	---	4.74	4.79	4.95	---	---	1963
1964	6.61	5.99	5.69	5.33	4.99	4.80	4.67	4.73	4.82	4.71	5.07	5.50	5.36	1964
						4.76	4.67	4.58	4.51	4.53	4.48	4.88	5.08	
1965	5.77	6.04	5.23	4.95	5.07	4.57	4.49	4.78	4.97	5.63	5.53	5.61	5.22	1965
1966	6.94	---	---	6.12	5.65	5.33	4.97	5.12	5.01	4.95	5.20	5.96	---	1966
1967	5.94	---	6.35	6.55	6.26	5.76	5.49	5.14	5.10	5.70	6.45	6.22	---	1967
1968	7.55	---	6.58	6.72	5.67	5.33	5.49	5.38	5.46	5.33	5.46	---	---	1968
1969	6.69	6.34	6.01	6.89	6.90	6.20	5.96	5.86	5.59	5.30	5.76	5.83	6.11	1969
1970	6.11	5.94	5.74	6.45	6.57	5.94	5.72	5.65	5.43	5.58	5.67	6.16	5.91	1970
1971	6.68	6.92	6.49	7.00	7.08	5.75	5.29	5.28	5.41	5.28	5.13	5.32	5.96	1971
1972	5.68	5.96	6.33	6.87	7.49	6.52	6.55	6.36	6.09	6.12	6.40	6.43	6.40	1972
1973	7.04	7.10	7.52	7.36	7.28	6.77	6.50	6.14	5.95	6.00	5.84	6.04	6.63	1973
1974	6.20	6.15	6.77	7.33	8.09	7.23	6.46	6.06	5.79	5.73	5.91	6.06	6.48	1974
1975	5.95	6.16	6.37	6.84	6.73	---	5.57	---	5.42	5.64	5.79	---	---	1975
1976	---	---	7.33	---	7.28	6.47	---	---	5.87	5.95	5.76	5.71	---	1976
1977	6.10	5.68	6.42	6.88	6.13	5.37	5.14	5.24	5.52	6.16	5.96	6.18	5.90	1977
1978	---	---	6.41	7.16	6.83	5.99	5.60	5.44	5.33	5.37	5.15	5.11	---	1978
1979	---	5.89	---	---	7.10	---	5.63	5.56	5.79	5.96	---	---	---	1979
1980	---	---	5.82	6.56	6.27	5.61	5.67	5.81	---	---	5.99	---	---	1980
1981	---	---	---	6.71	6.10	---	5.58	---	5.95	---	---	---	---	1981
1982	---	---	---	6.63	6.26	5.64	5.50	5.31	---	---	---	---	---	1982
1983	5.69	5.92	6.11	6.53	---	6.52	5.56	5.44	5.34	5.28	5.80	---	---	1983
1984	---	6.05	6.18	7.13	6.52	---	6.04	---	5.69	5.31	5.45	---	---	1984
1985	---	6.33	6.38	6.65	6.65	5.80	5.73	5.83	5.61	5.58	5.66	5.62	---	1985
1986	---	---	6.16	6.93	6.54	6.19	6.05	6.11	6.07	6.15	6.13	6.10	---	1986
1987	---	---	6.24	6.79	5.79	5.80	5.67	5.36	5.26	5.25	5.17	---	---	1987
1988	---	---	5.41	6.40	5.72	---	---	5.13	5.10	5.46	6.20	---	---	1988
1989	---	---	---	5.75	5.88	5.86	5.42	5.20	---	---	---	---	---	1989
1990	---	6.00	6.12	6.51	6.24	---	---	---	5.12	5.65	5.74	5.95	---	1990
MOYEN	7.07	6.88	6.77	6.86	6.57	5.97	5.61	5.40	5.29	5.32	5.43	5.88	6.10	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 41 05
LONG 073 26 38 REGULARISE

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A VARENNES - STATION NO. 02OA050

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1897	7.02 LE MAI	---	---	1897
1898	---	---	---	1898
1899	7.02 LE MAI	---	---	1899
1900	7.02 LE MAI	---	---	1900
1901	7.02 LE MAI	---	---	1901
1913	7.39 LE 10 MAI A 1:00 HNE	---	---	1913
1914	6.670 LE 12 MAI A 7:00 HNE	---	---	1914
1915	6.56 LE 01 MAI A 20:00 HNE	---	---	1915
1916	7.93 LE 21 MAI A 23:00 HNE	---	---	1916
1917	7.21 LE 13 JUN A 17:00 HNE	---	---	1917
1918	7.05 LE 21 NOV A 9:00 HNE	---	---	1918
1919	8.09 LE 28 MAI A 1:00 HNE	---	---	1919
1920	6.85 LE 04 MAI A 1:00 HNE	---	---	1920
1921	7.00 LE 01 MAI A 12:00 HNE	---	---	1921
1922	7.97 LE 21 AVR A 19:00 HNE	---	---	1922
1923	---	---	---	1923
1924	7.92 LE 20 DEC A 15:00 HNE	---	---	1924
1925	9.61 LE 02 AVR A 15:00 HNE	9.61 LE 02 AVR	4.66 LE 08 NOV	1925
1926	9.56 LE 28 AVR A 15:00 HNE	9.49 LE 28 AVR	4.72 LE 17 OCT	1926
1927	9.42 LE 21 MAR A 9:00 HNE	9.38 LE 21 MAR	4.87 LE 25 SEP	1927
1928	11.18 LE 14 AVR A 12:00 HNE *	---	---	1928
1929	9.89 LE 24 MAR A 9:00 HNE	9.88 LE 24 MAR *	5.00 LE 30 NOV	1929
1930	8.68 LE 10 JAN A 15:00 HNE	8.66 LE 10 JAN	4.74 LE 30 NOV	1930
1931	7.99 LE 11 JAN A 15:00 HNE	7.98 LE 12 JAN	4.75 LE 08 SEP	1931
1932	8.41 LE 13 FEV A 9:00 HNE	8.41 LE 13 FEV	5.28 LE 02 JUL	1932
1933	7.84 LE 04 AVR A 9:00 HNE	7.81 LE 20 AVR	4.40 LE 13 NOV	1933
1934	8.62 LE 14 AVR A 9:00 HNE	8.60 LE 14 AVR	4.28 LE 30 OCT	1934
1935	7.17 LE 11 JAN A 15:00 HNE	---	---	1935
1936	8.60 LE 23 MAR A 8:00 HNE	8.50 LE 22 MAR	4.72 LE 27 SEP	1936
1937	8.84 LE 09 AVR A 8:00 HNE	8.81 LE 09 AVR	4.82 LE 18 OCT	1937
1938	9.23 LE 29 MAR A 16:00 HNE	9.18 LE 29 MAR	4.71 LE 04 DEC	1938
1939	8.76 LE 24 AVR A 8:00 HNE	8.68 LE 24 AVR	4.76 LE 27 NOV	1939
1940	7.57 LE 21 DEC A 8:00 HNE	7.54 LE 21 DEC	4.83 LE 12 NOV	1940
1941	7.57 LE 01 JAN A 16:00 HNE	7.57 LE 01 JAN	4.84 LE 01 OCT	1941
1942	7.84 LE 25 DEC A 17:00 HNE	7.79 LE 09 JAN	4.93 LE 19 OCT	1942
1943	8.77 LE 27 DEC	8.77 LE 27 DEC	5.43 LE 07 DEC	1943
1944	8.31 LE 01 JAN A 9:00 HNE	8.29 LE 01 JAN	4.97 LE 07 DEC	1944
1945	9.07 LE 27 DEC A 17:00 HNE	9.06 LE 27 DEC	5.43 LE 18 SEP	1945
1946	8.94 LE 09 JAN A 17:00 HNE	8.94 LE 08 JAN	5.12 LE 02 DEC	1946
1947	8.71 LE 09 AVR A 8:00 HNE	8.59 LE 09 AVR	5.29 LE 03 DEC	1947
1948	8.72 LE 30 MAR A 9:00 HNE	8.69 LE 30 MAR	4.92 LE 10 NOV	1948
1949	8.37 LE 23 JAN A 9:00 HNE	8.34 LE 23 JAN	4.71 LE 01 NOV	1949
1950	8.84 LE 08 AVR A 9:00 HNE	8.82 LE 08 AVR	5.01 LE 08 OCT	1950
1951	9.79 LE 03 AVR A 8:00 HNE	9.77 LE 03 AVR	5.41 LE 27 SEP	1951
1952	9.14 LE 16 JAN A 9:00 HNE	9.10 LE 16 JAN	5.18 LE 14 NOV	1952
1953	9.05 LE 16 JAN A 17:00 HNE	9.03 LE 16 JAN	4.82 LE 30 NOV	1953
1954	8.24 LE 12 JAN A 16:00 HNE	---	---	1954
1955	8.58 LE 12 FEV A 10:00 HNE	8.54 LE 12 FEV	5.10 LE 27 SEP	1955
1956	8.71 LE 05 JAN A 17:00 HNE	---	---	1956
1957	8.22 LE 23 JAN A 9:00 HNE	---	---	1957
1958	8.28 LE 18 JAN A 10:00 HNE	8.25 LE 17 JAN	4.81 LE 07 OCT	1958
1959	8.18 LE 09 AVR A 16:00 HNE	---	---	1959
1960	8.03 LE 05 JAN A 9:00 HNE	---	---	1960
1961	6.61 LE 04 MAI A 4:58 HNE	---	---	1961
1962	7.85 LE 16 JAN A 6:30 HNE	---	---	1962
1963	7.62 LE 06 AVR	7.55 LE 06 AVR	4.48 LE 31 JUL *	1963
1964	7.39 LE 02 JAN A 7:30 HNE	7.35 LE 02 JAN	4.24 LE 16 NOV *	1964
1965	6.68 LE 21 JAN A 2:45 HNE	6.64 LE 22 JAN	4.37 LE 29 MAR	1965
1966	8.47 LE 15 JAN A 9:45 HNE	---	---	1966
1967	7.80 LE 28 FEV A 19:15 HNE	---	---	1967
1968	8.85 LE 20 JAN A 8:02 HNE	---	---	1968
1969	7.91 LE 17 JAN A 13:01 HNE	7.67 LE 17 JAN	5.13 LE 19 OCT	1969
1970	7.29 LE 06 MAI A 8:30 HNE	7.25 LE 06 MAI	5.29 LE 13 SEP	1970
1971	8.25 LE 23 AVR A 21:24 HNE	8.21 LE 23 AVR	4.94 LE 11 DEC	1971
1972	8.08 LE 10 MAI A 5:35 HNE	8.03 LE 10 MAI	5.41 LE 16 JAN	1972
1973	8.59 LE 19 MAR A 17:13 HNE	8.53 LE 19 MAR	5.69 LE 21 NOV	1973
1974	8.42 LE 25 MAI A 20:47 HNE	8.38 LE 25 MAI	5.56 LE 29 OCT	1974
1975	7.79 LE 22 AVR A 6:10 HNE	---	---	1975
1976	9.16 LE 03 AVR A 13:50 HNE	---	---	1976
1977	7.66 LE 18 MAR A 15:51 HNE	7.62 LE 18 MAR	5.05 LE 11 JUL	1977
1978	7.79 LE 08 FEV A 16:30 HNE	---	---	1978
1979	7.65 LE 03 MAI A 3:45 HNE	---	---	1979
1980	7.21 LE 17 AVR A 7:05 HNE	---	---	1980
1981	8.29 LE 26 FEV A 05:40 HNE	8.28 LE 26 FEV	5.33 LE 26 JUL	1981
1982	7.32 LE 29 AVR A 11:13 HNE	7.29 LE 29 AVR	---	1982
1983	8.03 LE 12 MAI A 04:03 HNE	8.00 LE 12 MAI	5.10 LE 31 OCT	1983
1984	7.86 LE 18 AVR A 23:10 HNE	7.80 LE 19 AVR	---	1984
1985	7.29 LE 04 MAI A 6:53 HNE	7.27 LE 03 MAI	5.16 LE 26 DEC	1985
1986	7.33 LE 02 AVR A 7:01 HNE	7.30 LE 02 AVR	5.43 LE 01 JAN	1986
1987	7.65 LE 02 AVR A 14:34 HNE	7.63 LE 02 AVR	4.95 LE 18 NOV	1987
1988	6.97 LE 09 AVR A 6:08 HNE	---	---	1988
1989	6.61 LE 31 MAR A 07:43 HNE	---	---	1989
1990	7.08 LE 28 AVR A 22:35 HNE	7.00 LE 30 AVR	4.95 LE 28 SEP	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A VERCHERES - STATION NO. 020J020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1897	---	---	---	---	7.14	6.25	5.56	5.23	4.89	4.56	---	5.67	---	1897
1898	---	---	---	---	5.99	5.84	5.48	5.04	4.88	5.00	---	---	---	1898
1899	---	---	---	---	7.27	6.15	5.55	5.05	4.71	4.94	---	---	---	1899
1900	---	---	---	---	6.59	5.78	5.67	5.36	4.99	5.02	---	---	---	1900
1901	---	---	---	---	6.79	6.05	5.22	4.94	4.77	4.68	4.66	---	---	1901
1913	---	---	---	---	---	5.80	5.27	5.00	4.86	4.97	5.18	---	---	1913
1914	---	---	---	---	---	5.27	5.09	4.77	4.68	4.53	---	---	---	1914
1915	---	---	---	---	---	5.05	4.84	4.78	4.73	4.69	4.57	---	---	1915
1916	---	---	---	---	7.15	6.62	5.63	5.10	4.84	4.87	4.90	---	---	1916
1917	---	---	---	---	6.40	6.37	5.88	5.50	5.05	5.08	5.22	---	---	1917
1918	---	---	---	---	---	---	5.55	4.99	5.05	5.43	---	---	---	1918
1934	---	---	---	---	---	---	---	---	4.36	4.35	4.33	---	---	1934
1935	---	---	---	---	5.43	5.05	5.08	4.78	4.59	4.46	---	---	---	1935
1936	---	---	---	---	6.86	5.83	4.94	4.63	4.62	4.88	---	---	---	1936
1937	---	---	---	---	---	5.51	5.13	5.07	4.90	4.84	---	---	---	1937
1938	---	---	---	---	6.32	5.37	4.96	5.03	5.01	4.91	---	---	---	1938
1939	---	---	---	---	---	5.70	5.34	5.24	4.83	4.80	---	---	---	1939
1940	---	---	---	---	---	5.93	5.38	4.92	4.89	4.71	---	---	---	1940
1941	---	---	---	---	5.53	4.95	4.87	4.80	4.75	4.88	---	---	---	1941
1942	---	---	---	---	5.97	5.62	5.10	5.00	4.89	4.81	---	---	---	1942
1943	---	---	---	---	---	6.60	5.84	5.54	5.41	5.28	---	---	---	1943
1944	---	---	---	---	5.96	5.28	5.17	5.07	5.01	4.96	4.85	---	---	1944
1945	---	---	---	---	6.39	6.02	5.44	5.25	5.27	5.63	5.55	---	---	1945
1946	---	---	---	---	5.71	5.55	5.13	5.08	4.94	5.02	5.17	---	---	1946
1947	---	---	---	---	7.78	7.74	6.31	5.67	5.41	5.21	5.10	---	---	1947
1948	---	---	---	---	6.01	5.57	5.29	5.19	5.02	4.87	4.85	---	---	1948
1949	---	---	---	---	5.92	5.24	5.17	4.86	4.77	4.63	---	---	---	1949
1950	---	---	---	---	5.81	5.43	5.17	5.06	5.00	4.84	5.07	---	---	1950
1951	---	---	---	---	6.54	5.55	5.64	5.34	5.20	5.23	5.70	---	---	1951
1952	---	---	---	---	6.65	6.18	5.59	5.54	5.31	5.24	5.04	---	---	1952
1953	---	---	---	---	6.03	5.37	5.23	5.14	5.00	4.87	4.69	---	---	1953
1954	---	---	---	---	6.31	5.99	5.44	5.18	5.24	5.79	5.70	---	---	1954
1955	---	---	---	---	6.13	5.45	5.16	5.08	4.94	4.99	5.26	---	---	1955
1956	---	---	---	---	6.16	5.84	5.37	5.24	5.16	5.21	4.91	---	---	1956
1957	---	---	---	---	5.23	5.04	5.55	4.85	4.79	4.82	5.08	---	---	1957
1958	---	---	---	---	5.21	4.99	4.97	4.73	4.80	4.91	4.86	---	---	1958
1959	5.83	6.12	5.86	---	5.64	5.24	4.87	4.73	4.62	4.62	5.06	---	---	1959
1960	---	6.51	6.37	7.28	7.00	5.69	5.61	5.20	4.75	4.46	4.53	---	---	1960
1961	---	6.20	5.90	5.94	5.66	5.42	5.28	5.03	5.01	4.85	4.55	4.86	---	1961
1962	6.53	---	---	5.89	5.39	4.66	4.50	4.53	4.46	4.52	4.68	---	---	1962
1963	---	---	---	---	---	4.52	4.37	4.44	4.53	4.43	4.79	5.16	---	1963
1964	6.03	5.59	5.39	5.08	4.74	4.49	4.38	4.31	4.24	4.26	4.22	4.61	4.78	1964
1965	5.33	5.53	4.92	4.67	4.80	4.30	4.22	4.47	4.68	5.32	5.19	5.26	4.89	1965
1966	6.52	6.54	6.08	5.80	5.33	5.03	4.69	4.83	4.74	4.66	4.90	---	---	1966
1967	5.66	7.22	6.01	6.25	5.95	5.43	5.18	4.84	4.80	5.39	6.09	5.89	5.71	1967
1968	7.01	---	6.15	6.40	5.37	5.03	5.17	5.04	5.12	5.01	5.14	5.43	---	1968
1969	6.45	6.00	5.66	6.57	6.59	5.86	5.60	5.51	5.26	4.99	5.47	5.53	5.79	1969
1970	5.76	5.61	5.40	6.13	6.27	5.53	5.39	5.31	5.11	5.27	5.37	5.84	5.58	1970
1971	6.33	6.55	6.15	6.68	6.78	5.43	4.96	4.97	5.08	4.96	4.83	5.02	5.64	1971
1972	5.33	5.95	5.97	6.53	7.16	6.19	6.20	6.00	5.71	5.76	6.06	6.13	6.06	1972
1973	6.73	6.72	7.18	7.02	---	---	6.11	5.77	5.59	5.64	5.49	5.72	---	1973
1974	5.84	5.78	6.38	7.00	7.79	6.88	6.10	5.69	5.43	5.36	5.57	5.73	6.13	1974
1975	5.63	5.81	6.03	6.52	6.41	5.83	5.20	5.05	5.08	5.29	5.45	5.75R	5.67R	1975
1976	6.68	---	6.97	7.67	6.95	6.11	6.05	5.78	5.53	5.61	5.42	5.41	---	1976
1977	5.78	5.36	---	6.57	5.81	---	4.82	---	5.19	---	5.63	---	---	1977
1978	6.35	---	6.01	6.84	---	---	---	5.15	5.00	---	---	---	---	1978
1979	---	5.55	---	---	---	5.76	5.30	5.22	---	---	5.79	5.97	---	1979
1980	---	5.43	5.50	---	5.94	5.29	---	5.48	5.54	5.67	---	---	---	1980
1981	---	6.31	6.09	6.37	5.78	5.65	5.25	5.38	5.60	5.68	5.84	5.53	---	1981
1982	5.42	5.56	---	---	---	5.32	5.17	4.99	4.99	4.93	5.16	5.57	---	1982
1983	5.39	5.64	5.82	6.25	7.11	6.20	5.23	5.12	---	5.04	5.52	5.68	---	1983
1984	5.43	5.74	5.88	6.79	6.20	5.97	5.72	---	---	5.03	5.15	5.30	---	1984
1985	6.01	---	6.05	6.35	6.33	5.49	---	---	5.30	5.27	---	5.31	---	1985
1986	---	5.75	5.84	6.66	6.24	5.85	5.69	5.77	5.75	5.81	5.79	5.77	---	1986
1987	5.57	5.54	5.91	6.45	5.45	5.46	5.32	5.05	4.96	---	---	5.38	---	1987
1988	5.27	---	5.13	---	5.47	4.79	---	4.85	4.83	5.17	5.90	5.31	---	1988
1989	5.20	5.20	5.03	5.49	5.62	---	5.11	4.92	4.80	4.83	5.33	5.52	---	1989
1990	5.67	5.67	5.83	---	5.96	5.49	5.26	5.05	4.84	5.38	5.45	5.68	---	1990
MOYEN	5.91	5.90	5.91	6.37	6.17	5.61	5.30	5.10	4.99	5.02	5.19	5.50	5.58	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 46 44
LONG 073 21 27

REGULARISE

R - REVISEE DEPUIS JAN 01 1988

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A VERCHERES - STATION NO. 02OJ020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1897		---	---	1897
1898	6.760 LE MAI	---	---	1898
1899	6.76 LE MAI	---	---	1899
1900	6.760 LE MAI	---	---	1900
1901	6.76 LE MAI	---	---	1901
1913	6.76 LE MAI	---	---	1913
1914	6.76 LE MAI	---	---	1914
1915	6.760 LE MAI	---	---	1915
1916	6.76 LE AVR	---	---	1916
1917	6.76 LE AVR	---	---	1917
1918	6.84 LE 13 JUN A 18:00 HNE	---	---	1918
1934	6.75 LE 21 NOV A 6:00 HNE	---	---	1934
1935	6.750 LE AOU	---	---	1935
1936	6.14 LE 04 MAI A 12:00 HNE	---	---	1936
1937	7.59 LE 21 MAI A 21:00 HNE	---	---	1937
1938	6.91 LE 15 MAI A 10:30 HNE	---	---	1938
1939	7.07 LE 25 AVR A 7:30 HNE	---	---	1939
1940	7.22 LE 13 MAI	---	---	1940
1941	6.60 LE 07 MAI A 4:00 HNE	---	---	1941
1942	6.58 LE 27 AVR A 8:30 HNE	---	---	1942
1943	6.87 LE 02 MAI A 3:45 HNE	---	---	1943
1944	8.00 LE 16 MAI A 8:00 HNE	---	---	1944
1945	6.47 LE 13 MAI A 8:30 HNE	---	---	1945
1946	6.88 LE 20 MAI A 7:30 HNE	---	---	1946
1947	6.04 LE 24 MAI A 1:30 HNE	---	---	1947
1948	8.32 LE 25 MAI A 17:00 HNE	---	---	1948
1949	6.45 LE 25 AVR A 9:00 HNE	---	---	1949
1950	6.53 LE 22 AVR A 21:00 HNE	---	---	1950
1951	6.51 LE 23 AVR A 7:30 HNE	---	---	1951
1952	8.07 LE 18 AVR A 6:00 HNE	---	---	1952
1953	7.17 LE 17 AVR A 9:00 HNE	---	---	1953
1954	6.72 LE 15 AVR A 19:30 HNE	---	---	1954
1955	7.33 LE 23 AVR A 23:00 HNE	---	---	1955
1956	7.90 LE 24 AVR A 18:00 HNE	---	---	1956
1957	6.42 LE 02 MAI A 11:00 HNE	---	---	1957
1958	5.96 LE 11 JUL A 22:00 HNE	---	---	1958
1959	7.31 LE 16 DEC A 7:00 HNE	---	---	1959
1960	7.54 LE 31 DEC A 21:30 HNE	---	---	1960
1961	7.74 LE 23 AVR A 12:25 HNE	---	---	1961
1962	6.75 LE 06 FEV A 6:30 HNE	---	---	1962
1963	7.42 LE 16 JAN A 12:30 HNE	---	---	1963
1964	6.53 LE 29 DEC A 17:24 HNE	---	---	1964
1965	6.53 LE 02 JAN A 12:59 HNE	6.48 LE 02 JAN	4.01 LE 16 NOV *	1965
1966	6.06 LE 21 JAN A 12:15 HNE	6.03 LE 21 JAN	4.04 LE 28 JUN	1966
1967	8.07 LE 03 FEV A 7:45 HNE	---	---	1967
1968	8.06 LE 16 FEV A 19:30 HNE	8.00 LE 16 FEV	4.63 LE 21 SEP	1968
1969	8.19 LE 29 JAN A 20:27 HNE	---	---	1969
1970	7.58 LE 17 JAN A 16:17 HNE	7.53 LE 17 JAN	4.82 LE 19 OCT	1970
1971	7.01 LE 06 MAI A 7:15 HNE	6.96 LE 06 MAI	4.95 LE 13 SEP	1971
1972	7.90 LE 24 AVR A 11:22 HNE	7.88 LE 24 AVR	4.66 LE 11 DEC	1972
1973	7.74 LE 10 MAI A 7:45 HNE	7.70 LE 10 MAI	5.09 LE 16 JAN	1973
1974	8.31 LE 19 MAR A 17:46 HNE	---	---	1974
1975	8.15 LE 25 MAI A 20:15 HNE	8.07 LE 25 MAI *	5.18 LE 29 OCT	1975
1976	7.46 LE 22 AVR A 6:33 HNE	7.40 LE 25 AVR	4.92 LE 20 AOU	1976
1977	8.03 LE 03 AVR A 18:10 HNE *	---	---	1977
1978	7.35 LE 18 MAR A 18:40 HNE	---	---	1978
1979	7.49 LE 22 AVR A 8:08 HNE	---	---	1979
1980	7.36 LE 31 MAR A 18:47 HNE	---	---	1980
1981	6.91 LE 17 AVR A 5:58 HNE	---	---	1981
1982	7.89 LE 26 FEV A 10:20 HNE	7.86 LE 26 FEV	4.99 LE 26 JUL	1982
1983	---	---	4.69 LE 25 OCT	1983
1984	7.76 LE 12 MAI A 04:32 HNE	7.72 LE 12 MAI	4.86 LE 03 OCT	1984
1985	7.57 LE 19 AVR A 4:27 HNE	7.49 LE 19 AVR	4.75 LE 04 NOV	1985
1986	7.00 LE 04 MAI A 7:12 HNE	6.95 LE 03 MAI	4.90 LE 26 DEC	1986
1987	7.08 LE 02 AVR A 9:41 HNE	7.05 LE 02 AVR	5.07 LE 09 JAN	1987
1988	7.19 LE 02 AVR A 14:01 HNE	7.32 LE 02 AVR	4.66 LE 18 NOV	1988
1989	6.67 LE 08 AVR A 20:35 HNE	---	---	1989
1990	6.35 LE 31 MAR A 06:40 HNE	---	---	1990
	6.82 LE 28 AVR A 22:02 HNE	6.72 LE 29 AVR	4.67 LE 28 SEP	

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) AU PONT MERCIER - STATION NO. 02OA017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1954	---	---	---	---	---	---	---	---	1.414	1.663	1.699	1.632	---	1954
1955	1.639	1.482	1.755	2.518	1.943	1.698	1.534	1.417	1.327	1.343	1.561	1.465	1.640	1955
1956	1.433	1.266	1.302	1.893	2.024	1.874	1.628	1.521	1.565	1.477	1.309	1.272	1.547	1956
1957	1.460	1.318	1.429	1.466	1.474	1.399	1.634	1.276	1.235	1.202	1.269	1.278	1.371	1957
1958	1.276	1.179	1.258	1.719	1.326	1.260	1.231	1.008	1.037	1.081	0.973	0.886	1.186	1958
1959	0.720	0.891	0.929	1.572	1.455	1.297	1.064	0.838	0.763	0.714	0.920	1.179	1.028	1959
1960	1.361	1.291	1.249	1.938	2.036	1.598	1.767	1.497	1.202	0.913	0.970	1.024	1.404	1960
1961	1.389	1.188	1.099	1.400	1.605	1.776	1.642	1.443	1.382	1.238	1.052	1.139	1.364	1961
1962	1.246	1.224	1.126	1.386	1.204	1.045	1.006	1.034	0.997	0.996	1.013	1.019	1.112	1962
1963	1.194	1.122	0.943	1.298	0.981	0.956	0.939	0.963	0.970	0.945	0.966	1.208	1.040	1963
1964	1.311	1.086	1.019	1.008	0.895	0.907	0.856	0.866	0.858	0.867	0.827	0.827	0.944	1964
1965	0.990	0.986	0.729	0.923	0.934	0.771	0.807	0.919	1.000	1.279	1.245	1.320	0.992	1965
1966	1.459	1.409	1.635	1.627	1.305	1.187	1.052	1.078	1.065	1.045	1.123	1.449	1.285	1966
1967	1.349	1.457	1.145	1.714	1.608	1.429	1.308	1.250	1.210	1.514	1.993	1.852	1.485	1967
1968	1.549	1.633	1.579	1.949	1.486	1.322	1.490	1.488	1.552	1.464	1.439	1.423	1.530	1968
1969	1.659	1.608	1.579	2.090	2.087	1.956	1.861	1.824	1.620	1.425	1.517	1.461	1.724	1969
1970	1.509	1.414	1.359	1.721	1.828	1.631	1.613	1.618	1.490	1.567	1.642	1.628	1.586	1970
1971	1.628	1.570	1.619	2.181	2.243	1.694	1.486	1.447	1.476	1.420	1.288	1.277	1.610	1971
1972	1.332	1.427	1.487	2.087	2.426	2.105	2.174	2.089	2.003	1.957	2.041	1.753	1.908	1972
1973	1.700	1.883	2.362	2.527	2.497	2.412	2.284	2.038	1.959	1.929	1.828	1.686	2.093	1973
1974	1.774	1.803	2.080	2.471	2.759	2.501	2.236	2.045	1.891	1.835	1.763	1.825	2.083	1974
1975	1.619	1.545	1.882	2.173	2.062	2.014	1.727	1.606	1.624	1.716	1.764	1.665	1.784	1975
1976	1.631	1.757	2.100	2.676	2.519	2.268	2.216	2.008	1.876	1.875	1.782	1.451	2.013	1976
1977	1.738	1.328	1.807	2.181	1.855	1.467	1.339	1.416	1.597	1.940	1.882	1.701	1.690	1977
1978	1.832	1.998	1.922	2.377	2.273	1.946	1.713	1.591	1.525	1.509	1.374	1.173	1.767	1978
1979	1.549	1.697	1.978	2.306	2.420	1.964	1.698	1.620	1.744	1.898	1.979	2.069	1.911	1979
1980	1.668	1.589	1.649	2.108	2.044	1.771	1.749	1.799	1.873	1.888	1.882	1.650	1.806	1980
1981	1.485	1.658	1.798	2.087	1.741	1.722	1.600	1.711	1.943	1.994	2.024	1.904	1.797	1981
1982	1.627	1.724	1.624	2.090	1.945	1.777	1.748	1.596	1.548	1.506	1.642	1.825	1.721	1982
1983	1.557	1.618	1.852	2.034	2.381	2.140	1.695	1.606	1.580	1.562	1.678	1.802	1.793	1983
1984	1.581	1.807	1.864	2.319	2.305	2.130	1.976	1.898	1.794	1.559	1.641	1.643	1.867	1984
1985	1.573	1.741	2.022	2.251	2.210	1.914	1.875	1.857	1.788	1.751	1.776	1.689	1.882	1985
1986	1.638	1.882	1.995	2.349	2.282	2.168	2.075	2.079	2.046	2.111	2.158	2.154	2.079	1986
1987	1.861	1.782	2.102	2.286	1.980	1.922	1.828	1.636	1.529	1.527	1.381	1.694	1.794	1987
1988	1.483	1.640	1.546	1.882	1.580	1.356	1.222	1.316	1.326	1.465	1.840	1.537	1.515	1988
1989	1.325	1.360	1.264	1.387	1.525	1.748	1.634	1.505	1.408	1.362	1.628	1.533	1.474	1989
1990	1.550	1.675	1.829	2.075	1.978	1.820	1.746	1.897	2.022	1.887	1.654	1.735	1.823	1990
MOYEN	1.494	1.501	1.581	1.944	1.867	1.693	1.596	1.522	1.493	1.498	1.528	1.509	1.601	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 18.016 m POUR OBTENIR LES COTES INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 25 13
LONG 073 39 07 REGULARISE

REMAQUES - DONNEEES DE 1954 A 1962 FOURNIES PAR LE SERVICE HYDROGRAPHIQUE DU CANADA

SAINT-LAURENT (FLEUVE) AU PONT MERCIER - STATION NO. 02OA017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE		NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1954	---		---		1.318	LE 14 SEP	1954
1955	2.809	LE 07 AVR A 23:00 HNE	2.732	LE 23 AVR	1.190	LE 06 OCT	1955
1956	2.263	LE 17 AVR A 20:00 HNE	2.223	LE 01 MAI	0.940	LE 31 DEC	1956
1957	1.967	LE 06 JUL A 16:00 HNE	1.919	LE 06 JUL	0.956	LE 18 DEC	1957
1958	1.989	LE 30 MAR A 21:00 HNE	1.928	LE 05 AVR	0.544	LE 12 DEC	1958
1959	1.955	LE 11 AVR A 21:00 HNE	1.885	LE 12 AVR	0.306	LE 10 JAN *	1959
1960	2.574	LE 24 AVR A 00:30 HNE	2.495	LE 24 AVR	0.800A	LE 18 OCT	1960
1961	1.885	LE 17 JUN A 00:05 HNE	1.846	LE 16 JUN	0.904	LE 20 MAR	1961
1962	2.047	LE 09 AVR A 22:31 HNE	1.906E	LE 10 AVR	0.834A	LE 28 MAI	1962
1963		---	1.839E	LE 05 AVR	0.730E	LE 17 MAR	1963
1964		---	1.696E	LE 02 JAN	0.623E	LE 20 DEC	1964
1965	1.577	LE 31 DEC A 23:59 HNE	1.471	LE 31 DEC	0.450	LE 28 MAR	1965
1966	1.940	LE 26 MAR A 05:20 HNE	1.891	LE 25 MAR	0.962	LE 09 OCT	1966
1967		---	2.092E	LE 16 NOV	0.803	LE 26 MAR	1967
1968	2.233	LE 02 AVR A 16:10 HNE	2.214	LE 02 AVR	0.943	LE 18 DEC	1968
1969	2.367	LE 24 AVR A 21:30 HNE	2.330	LE 24 AVR	1.254	LE 25 DEC	1969
1970	2.016	LE 16 AVR A 22:30 HNE	1.998	LE 07 MAI	1.056	LE 22 MAR	1970
1971	2.891	LE 22 AVR A 05:25 HNE	2.864	LE 22 AVR	1.087	LE 06 DEC	1971
1972	2.757A	LE 07 MAI	2.757A	LE 07 MAI	1.087	LE 16 JAN	1972
1973	2.970	LE 19 MAR A 04:30 HNE	2.952	LE 19 MAR	1.312	LE 25 DEC	1973
1974	2.967	LE 23 MAI A 19:05 HNE	2.943	LE 23 MAI	1.486	LE 01 FEV	1974
1975	2.772	LE 21 AVR A 14:19 HNE	2.751	LE 21 AVR	1.257	LE 27 JAN	1975
1976	3.159	LE 02 AVR A 08:12 HNE *	3.123	LE 02 AVR *	1.184	LE 14 DEC	1976
1977	2.598	LE 16 MAR A 18:45 HNE	2.556	LE 16 MAR	0.946	LE 27 FEV	1977
1978	2.833	LE 14 AVR A 23:00 HNE	2.732	LE 15 AVR	0.885	LE 20 DEC	1978
1979	2.696	LE 26 MAR A 22:12 HNE	2.647	LE 02 MAI	1.269	LE 01 JAN	1979
1980	2.409	LE 17 AVR A 04:00 HNE	2.388	LE 17 AVR	1.173	LE 31 DEC	1980
1981	2.446	LE 30 OCT A 03:00 HNE	2.413	LE 29 OCT	0.982	LE 01 JAN	1981
1982		---	2.379	LE 29 AVR	1.123	LE 12 JAN	1982
1983	2.665	LE 12 MAI A 09:18 HNE	2.636	LE 12 MAI	1.299	LE 21 JAN	1983
1984	2.653	LE 07 AVR A 13:32 HNE	2.623	LE 07 AVR	1.345	LE 08 JAN	1984
1985	2.527	LE 06 MAI A 14:01 HNE	2.474	LE 06 MAI	1.080	LE 26 DEC	1985
1986	2.556	LE 27 MAI A 01:31 HNE	2.524	LE 27 MAI	1.357	LE 14 JAN	1986
1987	2.569	LE 27 MAR A 12:41 HNE	2.545	LE 28 MAR	1.110	LE 25 JAN	1987
1988	2.219	LE 01 MAI A 04:51 HNE	2.158	LE 01 MAI	1.161	LE 16 JUL	1988
1989	1.953	LE 18 JUN A 20:36 HNE	1.932	LE 18 JUN	0.962	LE 15 MAR	1989
1990	2.453	LE 05 AVR A 14:07 HNE	2.391	LE 05 AVR	1.185	LE 14 JAN	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 18.01 m POUR OBTENIR LES COTES INTERNATIONAL DES GRANDS LACS (1955)

A - JAUGE MANUELLE E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
(VOIR INDEX DE REFERENCE)

SAINT-LAURENT (FLEUVE) AU QUAI DE LA RUE FRONTENAC (MONTREAL) - STATION NO. 020A047

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1935	---	---	---	---	6.08	5.71	5.76	5.45	5.25	5.12	---	---	---	1935
1936	---	---	---	---	7.55	6.53	5.64	5.32	5.29	5.53	---	---	---	1936
1937	---	---	---	---	7.20	6.28	5.91	5.65	5.65	5.58	---	---	---	1937
1938	---	---	---	---	---	6.16	5.74	5.59	5.74	5.65	---	---	---	1938
1939	---	---	---	---	---	6.48	6.12	6.01	5.59	5.54	---	---	---	1939
1940	---	---	---	---	---	6.69	6.18	5.70	5.65	5.45	---	---	---	1940
1941	---	---	---	---	---	5.69	5.60	5.52	5.45	5.58	---	---	---	1941
1942	---	---	---	---	6.66	6.37	5.86	5.76	5.64	5.55	---	---	---	1942
1943	---	---	---	---	---	7.43	6.70	6.41	6.29	6.12	---	---	---	1943
1944	---	---	---	---	---	6.13	6.04	5.93	5.84	5.76	---	---	---	1944
1945	---	---	---	---	7.16	6.86	6.30	6.12	6.13	6.48	---	---	---	1945
1946	---	---	---	---	6.52	6.41	6.01	5.95	5.80	5.86	---	---	---	1946
1947	---	---	---	---	---	8.56	7.19	6.57	6.31	6.07	---	---	---	1947
1948	---	---	---	---	6.84	6.45	6.20	6.10	5.88	5.70	---	---	---	1948
1949	---	---	---	---	6.72	6.07	6.00	5.66	5.56	5.42	---	---	---	1949
1950	---	---	---	---	---	6.27	6.03	5.92	5.83	5.66	---	---	---	1950
1955	---	---	---	---	6.92	6.31	6.05	5.93	5.79	5.83	6.11	---	---	1955
1956	---	8.26	7.20	7.24	6.95	6.66	6.24	6.09	6.21	6.06	5.75	5.81	---	1956
1957	---	9.44	---	6.16	---	---	6.39	5.68	---	5.62	---	6.01	---	1957
1958	---	---	8.27	6.97	---	---	5.71	5.48	5.53	5.64	5.56	7.70	---	1958
1959	7.80	---	7.50	7.44	6.40	6.02	5.67	5.49	5.38	5.34	5.74	6.38	---	1959
1960	10.14	9.73	7.53	8.05	7.76	6.57	6.52	6.12	5.62	5.23	5.29	6.03	7.04	1960
1961	8.92	---	7.41	6.63	6.40	6.29	6.16	5.89	5.84	5.66	5.35	---	---	1961
1962	---	---	6.65	6.54	6.04	5.39	5.28	5.32	5.25	5.30	5.40	5.78	---	1962
1963	9.20	---	6.71	6.65	5.61	5.24	5.15	5.24	5.32	5.21	5.49	5.97	---	1963
1964	7.92	6.46	6.12	5.75	5.41	5.24	5.14	5.07	5.02	5.04	4.98	5.32	5.62	1964
1965	6.94	7.23	5.75	5.43	5.49	5.02	4.99	5.26	5.47	6.11	6.01	6.11	5.81	1965
1966	7.70	7.80	7.01	6.59	6.09	5.81	5.51	5.63	5.54	5.45	5.67	6.41	6.26	1966
1967	6.39	8.37	6.93	6.97	6.67	6.21	5.98	5.68	5.64	6.21	6.97	6.74	6.55	1967
1968	8.46	7.41	7.09	7.15	6.12	5.80	6.02	5.95	6.03	5.87	5.97	6.23	6.51	1968
1969	7.08	6.78	6.48	7.35	7.34	6.71	6.50	6.43	6.14	5.84	6.25	6.41	6.61	1969
1970	6.55	6.39	6.21	6.86	6.97	6.32	6.26	6.21	5.97	6.12	6.20	6.62	6.39	1970
1971	7.14	7.56	6.96	7.49	7.53	6.26	5.84	5.85	5.95	5.82	5.65	5.81	6.48	1971
1972	6.13	6.41	6.82	7.34	7.93	7.03	7.09	6.90	6.65	6.68	6.93	6.92	6.90	1972
1973	7.44	7.53	7.99	7.86	7.78	7.32	7.07	6.72	6.56	6.58	6.41	6.55	7.15	1973
1974	6.64	6.62	7.29	7.83	8.55	7.73	7.02	6.65	6.38	6.31	6.44	6.58	7.00	1974
1975	6.43	6.63	6.88	7.35	7.22	6.71	6.14	5.99	6.02	6.22	6.34	---	---	1975
1976	---	7.66	7.82	8.43	7.77	7.02	6.97	6.69	6.44	6.50	6.30	6.18	---	1976
1977	---	6.08	6.87	7.35	6.61	5.87	5.66	5.79	6.08	6.70	6.51	---	---	1977
1978	7.15	7.42	6.93	7.64	7.32	6.51	6.14	6.01	5.91	5.91	5.66	5.60	6.51	1978
1979	6.26	6.36	6.87	---	7.64	6.67	---	6.14	6.36	6.52	6.65	6.85	---	1979
1980	6.37	6.24	6.32	---	---	6.16	---	---	---	6.59	6.51	---	---	1980
1981	---	7.16	---	---	---	6.32	---	---	6.53	6.59	---	---	---	1981
1982	---	6.38	6.34	7.11	6.71	6.19	6.10	5.91	5.87	5.81	6.02	---	---	1982
1983	---	6.40	6.60	7.00	---	7.02	6.13	6.03	5.96	5.95	6.33	6.50	---	1983
1984	---	6.54	---	---	7.09	---	---	---	---	---	6.00	---	---	1984
1985	---	6.78	---	7.16	---	---	6.30	---	---	6.17	6.22	---	---	1985
1986	6.30	---	---	---	---	6.77	6.61	6.67	---	---	6.71	6.65	---	1986
1987	6.41	6.39	---	---	6.35	6.36	6.24	5.95	5.84	5.81	---	---	---	1987
1988	---	---	5.95	6.86	6.22	5.58	---	5.66	5.64	5.97	6.70	---	---	1988
1989	5.91	6.03	5.84	6.16	6.31	6.37	---	---	5.66	5.64	---	---	---	1989
1990	6.42	6.49	6.62	---	---	---	---	---	---	---	6.23	---	---	1990
MOYEN	7.20	7.09	6.86	7.05	6.83	6.37	6.09	5.92	5.84	5.86	6.07	6.31	6.53	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 31 43
LONG 073 32 34 REGULARISE

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) AU QUAI DE LA RUE FRONTENAC (MONTREAL) - STATION NO. 02OA047

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1935	6.77 LE 04 MAI A 9:00 HNE	---	---	1935
1936	8.27 LE 21 MAI A 24:00 HNE	---	---	1936
1937	7.67 LE 15 MAI A 12:30 HNE	---	---	1937
1938	7.51 LE 05 MAI A 13:00 HNE	---	---	1938
1939	7.90 LE 12 MAI A 7:00 HNE	---	---	1939
1940	7.26 LE 07 MAI A 1:00 HNE	---	---	1940
1941	7.03 LE 03 MAI A 8:45 HNE	---	---	1941
1942	7.50 LE 02 MAI A 3:30 HNE	---	---	1942
1943	8.88 LE 15 MAI A 9:00 HNE	---	---	1943
1944	7.24 LE 13 MAI A 3:30 HNE	---	---	1944
1945	7.69 LE 20 MAI A 3:30 HNE	---	---	1945
1946	6.85 LE 24 MAI A 2:15 HNE	---	---	1946
1947	9.03 LE 24 MAI A 2:30 HNE	---	---	1947
1948	7.10 LE 01 MAI A 1:00 HNE	---	---	1948
1949	7.33 LE 02 MAI A 24:00 HNE	---	---	1949
1950	6.82 LE 03 MAI A 21:00 HNE	---	---	1950
1955	8.66 LE 24 AVR A 1:00 HNE	---	---	1955
1956	10.34 LE 10 JAN A 2:30 HNE	---	---	1956
1957	10.05 LE 04 FEV A 20:00 HNE	---	---	1957
1958	11.52 LE 05 FEV A 2:00 HNE	---	---	1958
1959	10.17 LE 03 JAN A 2:40 HNE	---	---	1959
1960	12.71 LE 21 JAN A 2:05 HNE *	11.81 LE 21 JAN *	4.99 LE 18 OCT	1960
1961	9.85 LE 04 JAN A 9:43 HNE	---	---	1961
1962	8.97 LE 31 DEC A 24:00 HNE	---	---	1962
1963	9.85 LE 24 JAN A 13:05 HNE	---	---	1963
1964	9.48 LE 14 JAN A 23:31 HNE	9.29 LE 15 JAN	4.75 LE 16 NOV *	1964
1965	9.09 LE 20 JAN A 3:58 HNE	8.82 LE 25 JAN	4.79 LE 28 JUN	1965
1966	9.56 LE 17 JAN A 12:59 HNE	9.36 LE 17 JAN	5.31 LE 09 OCT	1966
1967	9.72 LE 22 FEV A 17:55 HNE	9.51 LE 18 FEV	5.42 LE 21 SEP	1967
1968	10.50 LE 20 JAN A 1:21 HNE	10.34 LE 20 JAN	5.65 LE 07 JUN	1968
1969	8.03 LE 17 JAN A 13:23 HNE	7.96 LE 17 JAN	5.67 LE 20 OCT	1969
1970	7.69 LE 06 MAI A 3:49 HNE	7.63 LE 06 MAI	5.86 LE 13 SEP	1970
1971	8.91 LE 06 FEV A 8:52 HNE	8.83 LE 06 FEV	5.44 LE 11 DEC	1971
1972	8.56 LE 10 MAI A 5:57 HNE	8.48 LE 10 MAI	5.84 LE 16 JAN	1972
1973	9.05 LE 19 MAR A 16:34 HNE	8.99 LE 19 MAR	6.24 LE 22 NOV	1973
1974	8.94 LE 23 MAI A 3:32 HNE	8.85 LE 23 MAI	6.14 LE 29 OCT	1974
1975	8.33 LE 22 AVR A 4:07 HNE	---	---	1975
1976	9.55 LE 03 AVR A 19:06 HNE	---	---	1976
1977	8.17 LE 18 MAR A 15:08 HNE	---	---	1977
1978	8.70 LE 08 FEV A 13:11 HNE	8.44 LE 08 FEV	5.36 LE 20 DEC	1978
1979	8.19 LE 02 MAI A 18:01 HNE	---	---	1979
1980	7.69 LE 17 AVR A 6:52 HNE	---	---	1980
1981	8.77 LE 26 FEV A 02:21 HNE	8.73 LE 26 FEV	5.84 LE 20 JUL	1981
1982	7.72 LE 29 AVR A 8:44 HNE	7.69 LE 29 AVR	5.60 LE 25 OCT	1982
1983	8.54 LE 12 MAI A 11:12 HNE	8.41 LE 12 MAI	5.78 LE 31 OCT	1983
1984	8.30 LE 18 AVR A 23:29 HNE	8.21 LE 18 AVR	---	1984
1985	---	---	5.66 LE 25 DEC	1985
1986	7.79 LE 05 AVR A 8:47 HNE	7.75 LE 05 AVR	5.86 LE 09 JAN	1986
1987	7.56 LE 13 AVR A 6:26 HNE	---	---	1987
1988	7.40 LE 09 AVR A 2:25 HNE	---	---	1988
1989	7.09 LE 31 MAR A 07:59 HNE	---	---	1989
1990	7.49 LE 28 AVR A 22:30 HNE	---	---	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A BEAUHARNOIS - STATION NO. 02MC019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	45.98	45.91	45.87	45.80	45.72	---	---	1960
1961	---	---	---	---	45.70	---	45.42	45.55	---	45.69	45.76	45.76	---	1961
1962	45.51	45.54	45.55	45.80	45.79	45.77	45.75	45.71	45.70	45.73	45.74	45.75	45.69	1962
1963	45.43	45.43	45.50	45.76	45.83	45.79	45.76	45.78	45.83	45.83	45.85	45.72	45.71	1963
1964	45.67	45.78	45.85	45.93	45.93	45.88	45.87	45.83	45.85	45.86	45.91	45.99	45.86	1964
1965	45.93	45.86	45.94	46.00	46.00	45.98	45.90	45.87	45.89	45.87	45.87	45.74	45.90	1965
1966	45.37	45.22	45.46	45.68	45.84	45.85	45.80	45.80	45.81	45.83	45.84	45.77	45.69	1966
1967	45.62	45.29	45.34	45.79	45.82	45.82	45.80	45.78	45.81	45.65	45.61	45.58	45.66	1967
1968	45.31	45.18	45.27	45.62	45.69	45.74	45.67	45.62	45.57	45.59	45.67	45.68	45.55	1968
1969	45.40	45.22	45.19	45.67	45.64	45.60	45.56	45.60	45.62	45.62	45.65	45.70	45.54	1969
1970	45.22	45.20	45.15	45.58	45.66	45.70	45.63	45.63	45.63	45.60	45.64	45.68	45.53	1970
1971	45.22	45.13	45.02	45.38	45.64	45.63	45.63	45.65	45.66	45.63	45.71	45.80	45.51	1971
1972	45.70	45.38	45.08	45.40	45.71	45.66	45.65	45.62	45.64	45.65	45.66	45.73	45.57	1972
1973	45.11	45.14	45.39	45.70	45.96	45.51	45.54	45.54	45.53	45.52	45.59	45.63	45.48	1973
1974	45.22	45.19	45.46	45.74	45.70	45.74	45.72	45.78	45.69	45.73	45.70	45.65	45.61	1974
1975	45.63	45.07	45.29	45.71	45.71	45.71	45.66	45.69	45.72	45.72	45.69	45.66R	45.61R	1975
1976	---	45.13	45.25	45.78	---	45.65	45.63	45.61	---	---	---	---	---	1976
1977	---	---	45.15	45.81	45.78	45.81	45.79	45.74	45.74	45.69	45.74	---	---	1977
1978	45.43	45.49	45.24	45.75	45.73	45.74	45.72	45.73	45.71	45.73	45.82	45.79	45.66	1978
1979	45.50	45.40	45.39	---	---	45.79	---	45.77	45.82	45.82	---	45.66	---	1979
1980	45.34	45.34	45.51	45.80	45.83	---	---	45.82	45.86	45.83	45.82	---	---	1980
1981	---	---	45.82	---	---	45.87	45.88	45.72	45.83	45.77	45.78	45.71	---	1981
1982	---	45.43	---	45.84	45.85	45.88	45.89	45.86	45.88	45.85	---	---	---	1982
1983	45.55	45.51	---	---	---	45.90	45.83	45.82	45.84	45.85	45.80	45.64	---	1983
1984	45.10	45.20	45.27	---	45.83	45.86	---	45.92	---	---	---	---	---	1984
1985	---	---	---	---	---	---	45.84	45.80	45.84	---	45.82	45.89	---	1985
1986	45.47	---	45.47	45.81	---	45.77	45.78	---	45.78	45.75	45.76	---	---	1986
1987	---	45.26	45.51	45.79	45.81	---	45.86	---	---	---	---	45.87	---	1987
1988	45.57	45.56	45.68	45.88	46.01	---	---	---	45.85	---	---	45.86	---	1988
1989	---	45.70	---	46.03	45.94	45.85	45.81	45.82	45.82	45.83	45.85	---	---	1989
1990	---	---	45.74	45.87	45.89	45.93	45.87	45.95	---	---	45.97	45.87	---	1990
MOYEN	45.44	45.36	45.42	45.76	45.79	45.78	45.75	45.75	45.76	45.74	45.76	45.74	45.64	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 17 59
LONG 073 55 50 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A BEAUHARNOIS - STATION NO. 02MC019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE		NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1959	46.17 LE 15 DEC A 23:30 HNE		---		---		1959
1960	46.31 LE 31 JUL A 14:35 HNE		---		---		1960
1961	46.12 LE 29 DEC		---		---		1961
1962	46.14 LE 21 JAN A 4:30 HNE		45.97 LE 08 AVR		45.19 LE 12 JAN		1962
1963	46.13 LE 23 NOV A 13:52 HNE		46.04 LE 15 DEC		45.19 LE 02 JAN		1963
1964	46.38 LE 09 MAI A 14:10 HNE		46.18 LE 19 DEC		45.49 LE 02 JAN		1964
1965	46.23 LE 01 JAN A 1:05 HNE		46.13 LE 27 MAR		45.61 LE 31 DEC		1965
1966	46.12 LE 11 DEC A 1:50 HNE		46.02 LE 11 DEC		45.08 LE 14 JAN		1966
1967	46.04 LE 17 JAN A 13:30 HNE		45.88 LE 09 AVR		45.21 LE 17 FEV		1967
1968	46.17 LE 17 DEC A 16:35 HNE		45.96 LE 18 DEC		45.10 LE 12 MAR		1968
1969	46.12 LE 25 DEC		45.99 LE 25 DEC		45.09 LE 23 MAR		1969
1970	46.16 LE 27 DEC		46.05 LE 27 DEC		44.95 LE 24 MAR		1970
1971	46.25 LE 29 DEC A 15:03 HNE		46.09 LE 29 DEC		44.94 LE 26 MAR		1971
1972	46.58 LE 17 DEC A 16:09 HNE		46.06 LE 03 JAN		44.85 LE 02 AVR	*	1972
1973	46.22 LE 18 DEC A 20:45 HNE		46.02 LE 19 DEC		44.99 LE 09 MAR		1973
1974	46.20 LE 07 NOV A 11:39 HNE		45.96 LE 04 AVR		44.94 LE 20 FEV		1974
1975	46.33 LE 30 AOU A 17:50 HNE		46.14 LE 19 JAN		44.98 LE 31 DEC		1975
1976	46.10 LE 12 AVR A 12:40 HNE		---		---		1976
1977	46.40 LE 25 DEC A 20:25 HNE		---		---		1977
1978	46.29 LE 21 DEC A 12:59 HNE		46.12 LE 21 DEC		44.96 LE 23 MAR		1978
1979	46.48 LE 14 SEP A 10:23 HNE		---		---		1979
1980	46.43 LE 01 OCT A 22:04 HNE		---		---		1980
1981	46.47 LE 01 SEP A 06:44 HNE		46.01 LE 28 JUN		---		1981
1982	46.62 LE 14 DEC A 14:40 HNE	*	46.07 LE 07 JAN		45.05 LE 17 MAR		1982
1983	46.57 LE 23 DEC A 00:21 HNE		46.26 LE 16 MAI	*	45.00 LE 30 DEC		1983
1984	46.50 LE 15 AOU A 18:57 HNE		46.00 LE 16 AOU		---		1984
1985	46.31 LE 23 DEC A 10:01 HNE		46.15 LE 23 DEC		---		1985
1986	46.30 LE 03 AVR A 16:57 HNE		46.02 LE 08 AVR		45.17 LE 10 JAN		1986
1987	46.41 LE 23 JAN A 16:45 HNE		46.21 LE 23 JAN		45.15 LE 21 FEV		1987
1988	46.62 LE 18 AVR A 23:20 HNE		---		---		1988
1989	46.37 LE 13 MAR A 04:17 HNE		---		---		1989
1990	46.36 LE 12 NOV A 19:46 HNE		46.10 LE 06 NOV		---		1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A COTE-SAINTE-CATHERINE - STATION NO. 02OA043

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	21.18	21.02	20.97	21.85	21.97	21.45	21.40	21.14	20.76	20.46	20.52	20.64	21.11	1960
1961	21.11	20.91	20.66	20.95	21.18	21.33	21.19	20.99	20.92	20.78	20.59	20.77	20.94	1961
1962	21.00	20.91	20.68	20.92	20.79	20.59	20.54	20.58	20.54	20.53	20.53	20.62	20.69	1962
1963	20.88	20.82	20.50	20.89	20.52	20.49	20.49	20.51	20.51	20.48	20.49	20.84	20.62	1963
1964	20.95	20.74	20.55	20.53	20.43	20.44	20.41	20.42	20.40	20.40	20.35	20.38	20.50	1964
1965	20.72	20.63	20.24	20.42	20.45	20.30	20.36	20.48	20.56	20.85	20.79	20.85	20.55	1965
1966	21.16	21.06	21.17	21.28	20.84	20.72	20.61	20.65	20.62	20.59	20.66	21.04	20.86	1966
1967	21.05	21.20	20.67	21.28	21.17	20.97	20.86	20.74	20.77	21.09	21.62	21.44	21.07	1967
1968	21.39	21.35	21.16	21.55	21.04	20.88	21.06	21.08	21.14	21.03	20.98	21.03	21.14	1968
1969	21.34	21.30	21.17	21.71	21.70	21.55	21.47	21.44	21.22	21.01	21.07	21.05	21.33	1969
1970	21.24	21.11	20.89	21.30	21.42	21.18	21.19	21.21	21.08	21.13	21.21	21.27	21.19	1970
1971	21.32	21.21	21.06	21.74	21.84	21.25	21.04	21.02	21.04	20.97	20.80	20.81	21.17	1971
1972	21.05	21.15	21.09	21.70	22.08	21.70	21.78	21.70	21.59	21.54	21.62	21.34	21.53	1972
1973	21.42	21.62	21.96	22.16	22.14	22.02	21.89	21.64	21.55	21.51	21.40	21.24	21.71	1973
1974	21.44	21.48	21.65	22.09	22.41	22.13	21.85	21.64	21.49	21.42	21.32	21.39	21.69	1974
1975	21.24	21.24	21.43	21.83	21.80	21.62	21.32	21.20	21.21	21.30	21.33	---	---	1975
1976	21.38	20.43	21.75	22.34	22.17	21.88	21.83	21.60	21.46	21.46	21.44	21.12	21.65	1976
1977	21.29	20.90	21.32	21.79	21.43	21.01	20.89	---	21.10	21.47	21.41	21.30	---	1977
1978	21.52	21.79	21.50	21.99	21.88	21.51	21.26	21.14	21.07	21.04	20.87	20.70	21.36	1978
1979	21.14	21.35	---	21.88	22.00	21.50	21.24	21.16	21.31	---	21.53	21.62	---	1979
1980	---	---	---	21.69	21.63	21.32	21.31	21.37	21.47	21.50	21.47	21.27	---	1980
1981	21.33	21.46	21.56	21.75	21.34	21.30	21.18	21.27	21.52	21.56	21.59	21.46	21.44	1981
1982	21.35	21.40	21.20	21.70	---	21.35	---	21.15	21.10	---	21.18	---	---	1982
1983	21.19	---	21.41	21.63	---	21.23	21.26	21.17	21.14	21.11	21.22	---	---	1983
1984	21.28	21.43	21.48	21.93	21.79	21.71	---	21.48	21.39	---	---	---	---	1984
1985	---	---	---	21.85	21.82	---	21.43	21.43	21.35	21.31	21.32	21.26	---	1985
1986	21.34	---	21.60	---	21.88	21.74	21.65	21.66	21.63	21.69	21.73	21.67	---	1986
1987	21.48	21.50	21.69	21.89	21.55	21.48	21.40	21.20	21.09	21.07	---	21.25	---	1987
1988	21.18	21.34	21.10	21.45	---	---	20.76	20.86	20.87	21.01	21.39	21.09	---	1988
1989	---	---	20.77	20.91	21.06	---	---	---	---	---	21.16	21.21	---	1989
1990	21.11	---	---	21.65	21.55	21.39	21.22	21.04	20.93	21.12	21.19	21.29	---	1990
MOYEN	21.22	21.21	21.16	21.55	21.50	21.31	21.17	21.14	21.09	21.09	21.13	21.11	21.14	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 24 30
LONG 073 34 29 REGULARISE

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A COTE-SAINTE-CATHERINE - STATION NO. 02OA043

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1956	18.91 LE SEP	---	---	1956
1959	21.17 LE 26 DEC A 11:50 HNE	---	---	1959
1960	22.38 LE 19 MAI A 16:20 HNE	22.22 LE 18 MAI	20.35 LE 13 OCT	1960
1961	21.56 LE 28 MAI A 15:51 HNE	21.41 LE 03 JUN	20.44 LE 20 MAR	1961
1962	21.70 LE 10 AVR A 15:18 HNE	21.48 LE 10 AVR	20.37 LE 28 MAI	1962
1963	21.71 LE 05 AVR A 11:38 HNE	21.57 LE 05 AVR	20.24 LE 25 MAR	1963
1964	21.42 LE 15 JAN A 14:15 HNE	21.38 LE 15 JAN	20.23 LE 05 AVR	1964
1965	21.15 LE 25 OCT A 21:30 HNE	21.04 LE 25 OCT	19.96 LE 28 MAR *	1965
1966	21.60 LE 15 JAN A 5:43 HNE	21.54 LE 14 JAN	20.50 LE 09 OCT	1966
1967	22.11 LE 18 NOV A 16:45 HNE	21.75 LE 15 NOV	20.15 LE 26 MAR	1967
1968	22.17 LE 02 AVR A 9:48 HNE	21.84 LE 05 AVR	20.62 LE 25 DEC	1968
1969	22.17 LE 11 AVR A 8:01 HNE	21.99 LE 24 AVR	20.82 LE 24 DEC	1969
1970	21.75 LE 07 MAI A 13:30 HNE	21.66 LE 07 MAI	20.51 LE 22 MAR	1970
1971	22.74 LE 23 AVR A 6:21 HNE	22.54 LE 22 AVR	20.58 LE 06 DEC	1971
1972	22.56 LE 07 MAI A 5:37 HNE	22.45 LE 07 MAI	20.72 LE 14 FEV	1972
1973	22.72 LE 18 MAR A 9:54 HNE	22.54 LE 19 MAR	20.80 LE 25 DEC	1973
1974	22.79 LE 23 MAI A 9:25 HNE	22.68 LE 23 MAI	21.17 LE 31 JAN	1974
1975	22.59 LE 22 AVR A 3:42 HNE	---	---	1975
1976	23.07 LE 02 AVR A 8:58 HNE *	22.84 LE 02 AVR *	20.63 LE 06 DEC	1976
1977	22.29 LE 01 AVR A 15:25 HNE	---	---	1977
1978	22.55 LE 14 AVR A 21:23 HNE	22.41 LE 14 AVR	20.42 LE 19 DEC	1978
1979	22.37 LE 02 MAI A 3:35 HNE	---	---	1979
1980	22.10 LE 16 AVR A 17:20 HNE	---	---	1980
1981	22.22 LE 26 FEV A 12:55 HNE	22.17 LE 26 FEV	20.92 LE 01 JAN	1981
1982	22.11 LE 29 AVR A 5:15 HNE	22.00 LE 29 AVR	20.94 LE 01 NOV	1982
1983	22.44 LE 12 MAI A 00:59 HNE	22.36 LE 12 MAI	20.94 LE 25 JAN	1983
1984	22.48 LE 07 AVR A 11:30 HNE	22.27 LE 07 AVR	---	1984
1985	22.22 LE 06 MAI A 13:05 HNE	22.09 LE 30 AVR	20.67 LE 25 DEC	1985
1986	22.26 LE 27 MAI A 1:08 HNE	22.15 LE 27 MAI	21.01 LE 13 JAN	1986
1987	22.28 LE 31 MAR A 18:42 HNE	22.18 LE 27 MAR	20.79 LE 24 NOV	1987
1988	21.89 LE 01 MAI A 5:35 HNE	---	---	1988
1989	21.69 LE 30 MAR A 21:27 HNE	---	---	1989
1990	22.16 LE 05 AVR A 10:21 HNE	22.01 LE 05 AVR	---	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A SAINT-LAMBERT - STATION NO. 020A044

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1960	---	---	---	---	---	10.91	10.82	10.85	10.90	10.99	10.99	---	---	1960
1961	---	---	---	---	11.25	11.25	11.16	11.13	11.13	11.12	11.08	10.59	---	1961
1962	10.47	10.44	10.48	10.84	11.16	11.21	11.23	11.23	11.20	11.18	11.16	---	---	1962
1963	10.20	10.18	9.99	11.04	11.46	11.49	11.49	11.47	11.46	11.46	11.40	10.82	11.05	1963
1964	10.28	10.42	10.48	11.22	11.52	11.50	11.51	11.50	11.51	---	11.51	---	---	1964
1965	11.22	11.24	10.90	11.46	11.47	11.50	11.56	11.55	11.53	11.50	11.46	11.40	11.40	1965
1966	10.51	10.11	10.15	11.50	11.51	11.56	11.52	11.53	11.56	11.55	11.56	---	---	1966
1967	---	---	---	---	11.53	11.57	11.59	11.61	11.64	11.65	11.54	---	---	1967
1968	---	---	---	11.42	11.48	11.41	11.40	11.51	11.53	11.51	11.49	11.26	---	1968
1969	---	---	---	11.44	11.52	11.51	11.47	11.44	11.44	11.44	11.33	10.59	---	1969
1970	10.34	10.40	10.90	11.25	11.38	11.40	11.42	11.41	11.44	11.46	11.56	---	---	1970
1971	---	---	11.00	11.52	11.51	11.56	11.53	11.54	11.56	11.57	11.59	---	---	1971
1972	---	---	---	11.32	11.53	11.61	11.69	11.68	11.66	11.62	11.66	11.57	---	1972
1973	10.51	10.18	11.38	11.72	11.72	11.72	11.71	11.70	11.72	11.71	11.74	---	---	1973
1974	---	---	10.94	11.67	11.68	11.68	11.68	11.68	11.66	11.66	11.68	11.45	---	1974
1975	10.61	9.42	11.40	11.70	11.69	11.68	11.53	11.47	11.48	11.45	11.41	11.32R	11.27R	1975
1976	10.69	8.42	10.43	11.43	11.43	11.44	11.45	11.44	11.45	11.50	11.44	11.16	11.03	1976
1977	10.37	10.40	11.04	11.44	11.47	11.46	11.48	11.49	11.45	11.44	---	11.30	---	1977
1978	10.63	10.06	10.05	11.45	11.43	11.42	11.42	11.41	11.39	11.45	11.48	---	---	1978
1979	---	---	11.05	11.45	11.44	11.43	---	11.42	11.42	11.48	11.45	11.27	---	1979
1980	---	10.22	10.77	11.46	11.43	11.41	11.41	---	11.45	11.44	11.44	10.79	---	1980
1981	---	9.19	---	11.45	11.42	11.41	11.40	11.42	11.42	11.47	11.42	11.15	---	1981
1982	9.31	8.80	---	11.43	---	11.42	11.41	11.41	11.44	11.43	11.44	11.49	---	1982
1983	9.49	9.51	10.81	---	11.43	11.39	11.45	11.42	11.39	11.40	11.44	10.67	---	1983
1984	9.46	9.44	10.45	11.46	11.41	11.43	11.43	11.42	---	---	11.44	11.46	---	1984
1985	---	---	---	---	11.45	11.45	11.26	11.44	---	11.45	11.48	11.47	---	1985
1986	9.64	---	---	11.47	11.45	11.44	11.44	11.44	11.44	---	11.47	11.33	---	1986
1987	9.13	9.14	10.56	11.47	11.46	11.47	11.45	11.46	11.47	11.50	11.47	---	---	1987
1988	9.16	9.17	10.46	11.48	11.49	11.47	---	---	11.44	11.48	11.46	11.26	---	1988
1989	9.34	9.24	10.83	11.46	11.45	11.44	---	---	11.49	11.48	---	---	---	1989
1990	9.50	9.52	10.70	11.47	---	---	11.45	11.46	11.46	11.47	11.46	11.33	---	1990
MOYEN	10.05	9.78	10.70	11.42	11.47	11.45	11.44	11.45	11.45	11.46	11.45	11.18	11.19	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

R - REVISEE DEPUIS JAN 01 1988

LOCATION - LAT 45 29 16
LONG 073 30 32 REGULARISE

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A SAINT-LAMBERT - STATION NO. 020A044

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1960	11.21 LE 03 JUN A 2:24 HNE	---	---	1960
1961	11.51 LE 14 AVR A 18:51 HNE	---	---	1961
1962	11.35 LE 13 JUN A 17:10 HNE	---	---	1962
1963	11.69 LE 17 AVR A 20:30 HNE	11.55 LE 21 NOV	9.79 LE 25 MAR	1963
1964	11.78 LE 27 MAI A 7:04 HNE	---	---	1964
1965	11.77 LE 12 MAI A 4:30 HNE	11.63 LE 05 JUL	10.57 LE 29 MAR	1965
1966	11.75 LE 16 OCT A 7:55 HNE	---	---	1966
1967	11.83 LE 26 AOU A 13:38 HNE	---	---	1967
1968	11.81 LE 12 AVR A 8:27 HNE	---	---	1968
1969	11.77 LE 08 AVR A 19:10 HNE	---	---	1969
1970	11.75 LE 15 DEC A 20:02 HNE	---	---	1970
1971	15.05 LE 23 AVR A 16:01 HNE	---	---	1971
1972	15.05 LE 27 NOV A 7:29 HNE	---	---	1972
1973	15.16 LE 18 MAR A 9:43 HNE *	---	---	1973
1974	12.02 LE 05 AVR A 1:21 HNE	---	---	1974
1975	12.00 LE 19 AVR A 15:17 HNE	11.83 LE 19 AVR *	8.80 LE 19 FEV *	1975
1976	11.81 LE 21 OCT A 14:18 HNE	11.64 LE 21 OCT	8.10 LE 12 FEV *	1976
1977	11.81 LE 31 MAR A 13:35 HNE	---	---	1977
1978	11.89 LE 13 AVR A 19:41 HNE	---	---	1978
1979	11.79 LE 27 NOV A 10:45 HNE	---	---	1979
1980	11.71 LE 13 AVR A 7:02 HNE	---	---	1980
1981	11.79 LE 28 OCT A 09:46 HNE	11.71 LE 28 OCT	---	1981
1982	11.76 LE 27 DEC A 23:35 HNE	11.70 LE 27 DEC	8.59 LE 10 FEV	1982
1983	11.70 LE 21 NOV A 15:05 HNE	11.54 LE 21 NOV	9.40 LE 12 JAN	1983
1984	11.74 LE 06 AVR A 23:37 HNE	11.58 LE 07 AVR	9.35 LE 04 FEV	1984
1985	11.82 LE 04 AVR A 17:11 HNE	11.61 LE 13 NOV	---	1985
1986	11.11 LE 20 MAR A 8:40 HNE	11.75 LE 20 MAR	---	1986
1987	11.82 LE 30 MAR A 14:38 HNE	11.56 LE 17 OCT	9.06 LE 04 JAN	1987
1988	11.66 LE 29 MAR A 10:45 HNE	---	---	1988
1989	11.84 LE 27 MAR A 00:06 HNE	---	---	1989
1990	11.68 LE 04 AVR A 13:21 HNE	11.56 LE 04 AVR	9.32 LE 23 JAN	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A BEAUHARNOIS - STATION NO. 02MC020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	21.59	21.55	21.29	20.91	20.58	20.62	---	---	1960
1961	---	---	---	---	21.31	21.46	21.35	21.16	21.09	20.93	20.71	20.83	---	1961
1962	21.17	21.09	20.90	21.07	20.91	20.71	20.68	20.73	20.69	20.66	20.66	20.77	20.83	1962
1963	21.08	20.99	20.73	21.03	20.62	20.59	20.61	20.66	20.66	20.61	20.61	21.00	20.76	1963
1964	21.12	20.91	20.73	20.64	20.52	20.54	20.52	20.55	20.53	20.51	20.45	20.50	20.63	1964
1965	20.86	20.80	20.44	20.55	20.57	20.41	20.49	20.63	20.70	20.97	20.93	21.02	20.70	1965
1966	21.35	21.27	21.40	21.31	20.96	20.66	20.76	20.82	20.79	20.73	20.80	21.20	21.02	1966
1967	21.25	21.43	20.95	21.42	21.30	21.11	21.02	20.94	20.95	21.26	21.77	21.59	21.25	1967
1968	21.54	21.57	21.40	21.68	21.16	21.01	21.01	21.24	21.31	21.18	21.15	21.24	21.31	1968
1969	21.62	21.53	21.43	21.87	21.83	21.68	21.61	21.61	21.38	21.14	21.22	21.19	21.51	1969
1970	21.39	21.37	21.16	21.44	21.53	21.30	21.34	21.36	21.23	21.29	21.33	21.43	21.35	1970
1971	21.53	21.44	21.47	22.02	21.97	21.38	21.17	21.16	21.20	21.12	20.96	20.96	21.36	1971
1972	21.19	21.37	21.37	21.92	22.21	21.84	21.93	21.86	21.75	21.70	21.78	21.59	21.71	1972
1973	21.60	21.79	22.16	22.29	22.26	22.16	22.05	21.81	21.73	21.68	21.54	21.43	21.87	1973
1974	21.66	21.68	21.91	22.25	---	22.28	22.00	21.82	21.67	21.58	21.48	21.54	---	1974
1975	21.38	21.39	21.65	21.98	21.92	21.74	21.46	21.37	---	21.45	21.47	21.46R	---	1975
1976	21.57	21.65	22.04	22.47	22.29	---	21.98	21.77	21.62	21.60	---	21.39	---	1976
1977	---	21.22	21.64	21.90	21.55	21.15	21.04	21.16	21.36	---	---	21.54	---	1977
1978	---	22.05	21.81	---	---	21.63	21.41	21.34	21.25	21.20	21.01	---	---	1978
1979	21.43	---	---	---	22.16	21.65	21.38	21.36	21.49	21.62	21.68	21.78	---	1979
1980	21.52	21.42	21.39	21.81	21.75	21.44	---	---	21.63	21.62	21.59	21.41	---	1980
1981	---	---	21.65	21.80	21.40	21.38	21.29	21.36	21.71	21.74	21.72	21.59	---	1981
1982	---	---	---	21.80	21.65	21.47	21.44	21.31	21.26	21.20	---	---	---	1982
1983	---	21.45	21.57	21.76	22.13	21.87	21.41	21.35	---	21.29	21.37	21.56	---	1983
1984	---	21.63	21.69	22.07	21.90	21.83	21.70	21.65	---	---	---	---	---	1984
1985	---	21.60	---	---	---	---	---	---	---	---	---	---	---	1985
1986	---	---	---	---	22.01	---	---	---	21.81	21.87	---	---	---	1986
1987	---	21.72	---	---	21.60	---	---	---	21.26	---	---	---	---	1987
1988	---	21.54	21.31	21.56	21.24	20.98	20.88	---	21.01	---	21.53	21.23	---	1988
1989	21.20	21.21	20.99	---	21.17	---	21.33	21.19	---	---	---	---	---	1989
1990	21.36	---	21.52	---	21.66	21.52	21.37	21.21	21.12	---	21.33	21.43	---	1990
MOYEN	21.36	21.42	21.39	21.67	21.54	21.37	21.30	21.26	21.24	21.23	21.20	21.29	21.19	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 19 13
LONG 073 54 58 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A BEAUHARNOIS - STATION NO. 02MC020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE		NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1959	21.09	LE 09 DEC A 20:45 HNE	---		---		1959
1960	21.89	LE 03 JUN A 10:00 HNE	---		---		1960
1961	21.62	LE 02 MAI A 20:59 HNE	---		---		1961
1962	21.67	LE 10 AVR A 3:20 HNE	21.59	LE 10 AVR	20.49	LE 28 MAI	1962
1963	21.84	LE 05 AVR A 10:24 HNE	21.77	LE 05 AVR	20.43	LE 28 MAI	1963
1964	21.55	LE 15 JAN A 19:40 HNE	21.51	LE 15 JAN	20.31	LE 05 AVR	1964
1965	21.29	LE 14 DEC A 23:10 HNE	21.17	LE 15 DEC	20.13	LE 04 AVR *	1965
1966	21.84	LE 15 JAN A 1:30 HNE	21.80	LE 14 JAN	20.66	LE 09 OCT	1966
1967	22.03	LE 15 NOV A 16:52 HNE	21.92	LE 15 NOV	20.54	LE 26 MAR	1967
1968	22.12	LE 03 AVR A 21:56 HNE	21.98	LE 02 AVR	20.82	LE 25 DEC	1968
1969	22.29	LE 24 AVR A 18:38 HNE	22.12	LE 24 AVR	20.95	LE 24 DEC	1969
1970	21.92	LE 05 MAI A 23:45 HNE	21.78	LE 31 DEC	20.76	LE 22 MAR	1970
1971	22.81	LE 23 AVR A 5:44 HNE	22.66	LE 22 AVR	20.75	LE 06 DEC	1971
1972	22.61	LE 06 MAI A 21:35 HNE	22.57	LE 07 MAI	20.94	LE 12 JAN	1972
1973	22.82	LE 19 MAR A 2:10 HNE	22.76	LE 19 MAR *	21.11	LE 27 DEC	1973
1974	22.93	LE 23 MAI A 18:33 HNE	---		---		1974
1975	22.81R	LE 21 AVR A 19:30 HNE	---		---		1975
1976	23.06	LE 02 AVR A 5:20 HNE *	---		---		1976
1977	22.48	LE 16 MAR A 16:55 HNE	---		---		1977
1978	22.60	LE 15 AVR A 16:30 HNE	---		---		1978
1979	22.51	LE 02 MAI A 9:36 HNE	---		---		1979
1980	22.25	LE 17 AVR A 2:38 HNE	---		---		1980
1981	22.36	LE 26 FEV A 05:20 HNE	22.30	LE 25 FEV	21.07	LE 01 JAN	1981
1982	22.22	LE 27 AVR A 19:28 HNE	22.08	LE 28 AVR	21.02	LE 12 JAN	1982
1983	22.55	LE 12 MAI A 05:50 HNE	22.44	LE 12 MAI	21.13	LE 25 JAN	1983
1984	22.51	LE 07 AVR A 14:58 HNE	22.39	LE 07 AVR	---		1984
1985	22.35	LE 01 MAI A 21:32 HNE	22.21	LE 01 MAI	20.84	LE 25 DEC	1985
1986	22.40	LE 27 MAI A 1:41 HNE	22.27	LE 27 MAI	21.21	LE 13 JAN	1986
1987	22.36	LE 27 MAR A 13:27 HNE	22.31	LE 27 MAR	---		1987
1988	22.02	LE 01 MAI A 2:11 HNE	---		---		1988
1989	21.87	LE 19 DEC A 07:15 HNE	---		---		1989
1990	22.22	LE 05 AVR A 12:27 HNE	22.10	LE 05 AVR	21.01	LE 25 SEP	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 01 1988

SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A SAINT-LAMBERT - STATION NO. 020A045

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	6.59	6.53	6.14	5.64	5.24	5.31	---	---	1960
1961	---	---	---	---	6.42	6.31	6.19	5.92	5.86	5.69	5.38	5.65	---	1961
1962	7.62	---	6.70	6.58	6.08	5.43	5.30	5.14	5.30	5.33	5.44	5.82	---	1962
1963	9.26	8.27	6.66	6.70	6.65	6.28	6.23	5.47	5.25	5.27	5.55	6.04	6.20	1963
1964	7.89	6.51	6.18	5.80	5.48	5.30	5.20	5.12	5.08	5.09	4.99	5.33	5.66	1964
1965	6.94	7.48	5.79	5.44	5.51	5.04	5.01	5.27	5.48	6.13	6.03	6.13	5.85	1965
1966	7.68	7.83	7.05	6.60	6.11	5.83	5.53	5.65	5.56	5.47	5.68	6.42	6.28	1966
1967	6.40	8.39	6.97	6.98	6.69	6.22	5.99	5.71	5.66	6.22	6.97	6.75	6.57	1967
1968	8.39	7.39	7.11	7.17	6.14	5.82	6.03	5.96	6.05	5.90	5.98	6.24	6.51	1968
1969	7.10	6.84	6.52	7.36	7.36	6.73	6.53	6.46	6.17	5.86	6.27	6.32	6.62	1969
1970	6.57	6.44	6.25	6.88	7.00	6.33	6.27	6.22	5.99	6.13	6.08	6.63	6.40	1970
1971	7.18	7.62	6.98	7.51	7.55	6.27	5.85	5.88	5.97	5.84	5.68	5.84	6.51	1971
1972	6.17	6.51	6.88	7.37	7.96	7.05	7.11	6.93	6.67	6.70	6.95	6.94	6.94	1972
1973	7.46	7.56	8.02	7.89	7.81	7.35	7.09	6.74	6.59	6.59	6.43	6.59	7.18	1973
1974	6.67	6.72	7.33	7.86	8.58	7.76	7.05	6.67	6.41	6.34	6.46	6.61	7.04	1974
1975	6.46	6.65	6.91	7.37	7.23	6.74	6.17	6.01	6.05	6.23	6.36	6.57R	6.56R	1975
1976	---	6.72	7.87	8.45	---	7.04	6.99	6.70	6.45	6.51	6.32	6.21	---	1976
1977	6.54	6.14	6.91	7.36	6.63	5.89	5.67	5.80	6.10	6.72	6.53	6.70	6.42	1977
1978	7.16	7.43	6.92	7.65	7.33	6.52	6.16	6.02	5.91	5.92	---	5.62	---	1978
1979	6.26	6.46	6.99	7.50	7.61	6.64	6.17	6.14	6.38	6.57	6.65	7.16	6.71	1979
1980	6.41	6.25	6.33	7.04	6.75	6.15	6.20	6.39	6.46	6.50	6.54	6.43	6.46	1980
1981	---	7.35	6.92	7.17	6.55	6.46	6.12	6.29	6.55	6.60	6.73	6.38	---	1981
1982	6.23	6.41	---	7.12	6.73	6.19	6.10	5.93	5.90	5.82	6.02	6.41	---	1982
1983	6.18	6.37	6.61	7.01	7.01	7.01	6.13	6.02	5.95	5.94	6.33	---	---	1983
1984	6.17	6.51	---	---	---	---	---	6.46	6.28	5.93	6.01	6.15	---	1984
1985	---	---	6.91	7.22	7.19	6.38	6.31	6.42	6.22	6.19	6.24	6.19	---	1985
1986	6.35	6.75	6.77	---	7.14	6.79	---	---	6.69	6.76	6.76	6.72	---	1986
1987	---	---	6.81	7.30	6.38	---	---	5.98	5.86	---	---	6.23	---	1987
1988	---	---	5.97	6.89	---	5.60	---	5.68	5.65	---	---	6.12	---	1988
1989	5.93	6.11	5.88	6.18	6.33	6.38	6.02	5.82	---	---	---	6.32	---	1989
1990	6.45	6.52	6.66	7.02	6.77	---	---	5.90	5.71	6.18	6.25	6.45	---	1990
MOYEN	6.89	6.97	6.77	7.09	6.84	6.33	6.11	6.03	6.00	6.06	6.15	6.31	6.49	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 30 14
LONG 073 31 16 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A SAINT-LAMBERT - STATION NO. 020A045

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1959	8.24 LE 31 DEC A 10:45 HNE	---	---	1959
1960	8.16 LE 20 MAI A 16:46 HNE	---	---	1960
1961	7.10 LE 18 AVR A 15:03 HNE	---	---	1961
1962	9.33 LE 31 JAN A 11:05 HNE	---	---	1962
1963	10.19 LE 05 JAN A 17:11 HNE	10.02 LE 23 JAN	5.06 LE 14 OCT	1963
1964	9.47 LE 14 JAN A 23:53 HNE	9.28 LE 15 JAN	4.76 LE 16 NOV *	1964
1965	9.48 LE 25 JAN A 5:09 HNE	8.98 LE 25 JAN	4.80 LE 28 JUN	1965
1966	9.49 LE 17 JAN A 10:01 HNE	9.33 LE 17 JAN	5.32 LE 09 OCT	1966
1967	9.92 LE 22 FEV A 19:10 HNE	9.67 LE 22 FEV	5.43 LE 21 SEP	1967
1968	10.26 LE 20 JAN A 4:16 HNE *	10.13 LE 20 JAN *	5.67 LE 06 JUN	1968
1969	8.03 LE 17 JAN A 13:30 HNE	7.96 LE 17 JAN	5.69 LE 20 OCT	1969
1970	7.81 LE 06 MAI A 2:33 HNE	7.65 LE 06 MAI	5.86 LE 11 SEP	1970
1971	8.94 LE 06 FEV A 9:27 HNE	8.86 LE 06 FEV	5.48 LE 11 DEC	1971
1972	8.63 LE 10 MAI A 4:20 HNE	8.52 LE 10 MAI	5.89 LE 16 JAN	1972
1973	9.09 LE 19 MAR A 17:16 HNE	9.02 LE 19 MAR	6.27 LE 21 NOV	1973
1974	8.95 LE 23 MAI A 9:45 HNE	8.87 LE 23 MAI	6.17 LE 29 OCT	1974
1975	8.41R LE 21 AVR A 20:45 HNE	8.28 LE 22 AVR	5.90 LE 17 AOU	1975
1976	9.66 LE 02 AVR A 19:02 HNE	---	---	1976
1977	8.43 LE 18 MAR A 15:05 HNE	8.15 LE 18 MAR	5.59 LE 12 JUL	1977
1978	8.80 LE 00 FEV A 13:20 HNE	---	---	1978
1979	8.23 LE 02 MAI A 19:12 HNE	8.14 LE 02 MAI	5.85 LE 11 JAN	1979
1980	7.79 LE 17 AVR A 6:35 HNE	7.64 LE 17 AVR	5.89 LE 12 MAR	1980
1981	8.87 LE 26 FEV A 02:55 HNE	8.84 LE 26 FEV	5.89 LE 25 JUL	1981
1982	7.84 LE 29 AVR A 8:29 HNE	7.69 LE 29 AVR	5.61 LE 25 OCT	1982
1983	8.52 LE 12 MAI A 11:05 HNE	8.41 LE 12 MAI	5.77 LE 03 OCT	1983
1984	---	---	5.65 LE 04 NOV	1984
1985	7.89 LE 03 MAI A 4:59 HNE	7.79 LE 03 MAI	5.67 LE 25 DEC	1985
1986	7.97 LE 30 MAR A 22:18 HNE	7.80 LE 02 AVR	5.89 LE 09 JAN	1986
1987	8.11 LE 02 AVR A 13:23 HNE	8.04 LE 02 AVR	---	1987
1988	7.52 LE 08 AVR A 23:26 HNE	---	---	1988
1989	7.38 LE 31 MAR A 16:16 HNE	---	---	1989
1990	7.67 LE 20 MAR A 15:15 HNE	7.47 LE 30 AVR	5.55 LE 28 SEP	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 01 1988

SAINT-LOUIS (LAC) A POINTE-CLAIRE - STATION NO. 020A039

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1915	---	---	---	---	---	20.74	20.61	20.60	20.58	20.57	20.48	---	---	1915
1916	20.98	20.94	20.74	21.71	22.06	21.76	21.29	21.00	20.81	---	20.73	20.90	---	1916
1917	21.13	20.93	20.80	21.45	21.31	21.56	21.38	21.18	---	20.88	---	---	---	1917
1918	21.13	20.94	21.02	21.58	21.51	21.27	21.12	20.84	20.81	21.00	21.21	21.03	21.12	1918
1919	21.28	---	21.12	21.64	22.12	21.80	21.23	21.02	20.94	20.94	21.04	21.14	---	1919
1920	21.11	20.74	20.86	21.27	21.17	20.83	---	20.67	20.60	20.54	20.56	20.81	---	1920
1921	20.91	20.80	21.21	21.47	21.42	20.98	20.80	20.68	20.53	20.49	20.47	20.71	20.87	1921
1922	21.08	20.69	20.83	21.62	21.63	21.17	21.03	20.82	20.67	20.55	20.47	---	---	1922
1923	20.69	20.60	20.38	21.02	21.62	21.19	20.76	20.58	20.51	20.36	20.35	20.52	20.72	1923
1924	20.85	20.84R	20.70	21.33	21.70	21.27	---	20.75	20.65	20.70	20.55	20.81	---	1924
1925	20.65	20.63	21.05	21.32	21.20	21.03	20.77	20.57	20.40	20.38	20.54	20.79	20.78	1925
1926	20.85	20.58	20.44	21.03	21.40	21.15	20.84	20.58	20.46	20.52	20.90	21.11	20.82	1926
1927	21.10	20.83	21.05	21.06	21.10	21.14	21.00	20.85	20.60	20.55	20.91	21.13	20.95	1927
1928	21.24	21.20	21.06	21.83	22.09	21.54	21.22	21.05	20.93	20.54	20.91	21.21	21.00	1928
1929	21.29	21.25	21.36	21.81	22.25	21.66	21.41	21.17	21.01	20.91	20.95	21.08	21.35	1929
1930	21.39	21.37	21.31	21.55	21.57	21.52	21.49	21.10	20.90	20.78	20.64	20.59	21.18	1930
1931	20.80	20.70	20.52	20.78	20.81	20.72	20.55	20.43	20.34	20.28	20.29	20.36	20.55	1931
1932	20.58	20.96	20.72	21.41	21.14	20.86	20.77	20.69	20.71	20.79	20.96	20.72	20.86	1932
1933	20.65	20.60	20.48	21.46	21.36	20.85	20.56	20.44	20.30	20.20	20.11	20.40	20.62	1933
1934	20.31	20.40	20.48	21.35	21.24	20.69	20.40	20.11	20.04	20.03	19.99	20.36	20.45	1934
1935	20.59	20.47	20.57	20.71	20.65	20.50	20.51	20.33	20.19	20.12	20.10	20.24	20.41	1935
1936	20.45	20.25	20.75	21.16	21.58	21.03	20.53	20.30	20.26	20.36	20.51	20.42	20.63	1936
1937	20.90	20.90	20.78	21.17	21.40	20.96	20.76	20.70	20.56	20.50	20.78	20.84	20.85	1937
1938	20.91	20.93	21.05	21.58	21.37	20.92	20.65	20.63	20.56	20.53	20.47	20.47	20.84	1938
1939	20.79	20.65	20.56	21.28	21.55	21.10	20.87	20.76	20.52	20.46	20.42	20.45	20.79	1939
1940	20.72	20.55	20.38	21.04	21.10	21.20	20.92	20.63	20.55	20.43	20.46	20.63	20.72	1940
1941	21.01	20.79	20.53	21.21	20.93	20.60	20.51	20.41	20.35	20.42	20.60	20.51	20.65	1941
1942	20.82	20.74	20.79	21.26	21.11	21.00	20.72	20.63	20.55	20.50	20.57	20.76	20.79	1942
1943	21.15	21.10	21.14	21.49	22.14	21.75	21.37	21.18	21.07	20.92	21.00	21.08	21.28	1943
1944	21.21	21.00	20.86	21.04	21.27	21.00	20.93	20.82	20.74	20.66	20.55	20.69	20.90	1944
1945	20.80	20.93	21.16	21.45	21.53	21.43	21.13	20.99	20.94	21.15	21.12	21.21	21.15	1945
1946	21.34	21.27	21.34	21.51	21.18	21.16	20.90	20.81	20.71	20.73	20.84	20.91	21.04	1946
1947	21.28	21.27	21.00	21.82	22.29	22.38	21.67	21.31	21.14	20.98	20.89	21.02	21.42	1947
1948	21.08	20.87	21.10	21.50	21.45	21.27	21.10	21.00	20.82	20.71	20.71	20.68	21.03	1948
1949	20.96	21.13	21.12	21.60	21.32	20.96	20.85	20.60	20.54	20.47	20.40	20.53	20.87	1949
1950	20.94	20.97	20.98	21.52	21.34	21.19	21.02	20.89	20.80	20.72	20.82	21.00	21.02	1950
1951	21.36	21.10	21.42	22.37	21.76	21.34	21.39	21.13	21.05	21.01	21.26	21.34	21.38	1951
1952	21.53	21.38	21.40	21.96	21.85	21.65	21.38	21.27	21.11	21.04	20.89	21.06	21.38	1952
1953	21.26	21.31	21.42	21.74	21.47	21.20	21.10	20.98	20.89	20.75	20.65	20.72	21.12	1953
1954	21.01	21.00	21.24	21.79	21.53	21.38	21.13	20.92	20.94	21.21	21.23	21.19	21.21	1954
1955	21.43	21.16	21.34	22.11	21.51	21.25	21.06	20.94	20.83	20.84	21.04	21.05	21.21	1955
1956	21.14	20.95	20.86	21.43	21.56	21.40	21.13	21.04	21.10	20.92	20.84	20.83	21.11	1956
1957	21.27	21.05	21.03	21.02	21.03	20.96	21.21	20.82	20.79	20.77	20.84	20.88	20.97	1957
1958	21.10	21.04	20.90	21.33	20.92	20.83	20.81	20.69	20.67	20.72	20.66	20.96	20.88	1958
1959	20.69	20.85	20.68	21.47	21.31	21.11	20.93	20.72	20.61	20.53	20.74	20.93	20.88	1959
1960	21.21	21.06	21.02	21.91	22.01	21.49	21.44	21.16	20.78	20.47	20.53	20.66	21.15	1960
1961	21.13	20.85	20.76	21.01	21.22	21.37	21.24	21.02	20.96	20.80	20.60	20.74	20.97	1961
1962	21.03	20.94	20.72	20.97	20.83	20.62	20.56	---	---	---	---	---	---	1962
1963	---	---	---	---	---	20.51	20.50	20.53	20.53	20.49	20.50	20.86	---	1963
1964	---	20.77	---	20.56	20.43	20.45	20.39	20.42	20.39	20.39	20.34	20.40	---	1964
1965	20.73	20.65	20.27	20.46	20.48	20.31	20.36	20.49	20.58	20.86	20.83	20.92	20.58	1965
1966	21.19	21.10	21.25	21.29	20.88	20.77	20.64	20.68	20.63	20.60	20.68	21.08	20.90	1966
1967	21.10	21.26	20.78	21.32	21.20	21.00	20.89	20.78	20.79	21.11	21.64	21.47	21.11	1967
1968	21.41	21.38	21.21	21.57	21.05	20.90	21.07	21.09	21.15	21.04	21.02	21.09	21.16	1968
1969	---	21.33	21.23	21.73	21.72	21.57	21.47	21.45	21.23	21.00	21.10	21.09	---	1969
1970	21.28	21.16	20.99	21.34	21.44	21.21	21.23	21.23	21.09	21.16	21.23	21.30	21.22	1970
1971	21.36	21.27	21.26	21.87	21.90	21.28	21.06	21.03	21.06	20.99	20.84	20.84	21.23	1971
1972	21.05	21.19	21.18	21.79	22.11	21.75	21.82	21.73	21.62	21.58	21.67	21.46	21.58	1972
1973	21.48	21.67	22.04	22.20	22.17	22.07	21.93	21.67	21.58	21.54	21.43	21.31	21.76	1973
1974	21.49	21.53	21.77	22.15	22.47	22.18	21.89	21.68	21.52	21.44	21.37	21.44	21.74	1974
1975	21.28	21.28	21.54	21.89	21.83	21.65	21.33	21.21	---	21.32	---	21.34R	---	1975
1976	21.42	21.47	21.86	---	22.20	21.91	21.86	---	21.48	21.47	21.37	21.23	---	1976
1977	---	21.04	21.44	21.83	21.46	21.04	20.92	21.00	21.20	21.56	21.50	21.42	---	1977
1978	---	21.89	21.61	21.04	21.91	21.24	21.30	21.18	21.11	21.08	20.92	20.79	---	1978
1979	21.23	21.43	21.60	21.94	22.05	21.55	21.27	21.20	21.33	21.48	21.56	21.66	21.53	1979
1980	21.40	21.31	21.26	21.72	21.65	21.35	21.32	21.39	21.47	21.47	21.46	---	---	1980
1981	21.33	21.45	21.54	21.70	21.30	21.29	21.16	21.30	21.53	21.56	21.60	21.47	21.44	1981
1982	21.36	21.42	21.27	21.71	21.55	21.37	---	---	21.12	21.05	21.21	21.41	---	1982
1983	21.21	21.30	21.44	21.65	22.03	21.76	21.28	21.20	21.16	21.14	21.26	21.43	21.41	1983
1984	21.34	21.48	21.55	21.97	21.82	21.73	21.59	21.51	21.40	---	---	21.24	---	1984
1985	21.30	21.48	21.67	21.88	21.87	21.50	21.45	21.46	21.37	21.33	21.35	21.31	21.51	1985
1986	21.39	21.70	21.66	22.00	21.93	21.78	21.69	21.70	21.66	21.73	21.78	21.72	21.73	1986
1987	21.51	21.56	21.76	21.93	21.59	21.53	21.43	21.22	21.12	21.10	20.93	21.29	21.41	1987
1988	---	21.40	21.18	21.49	21.16	20.91	---	20.89	20.88	21.04	21.42	---	---	1988
1989	---	21.08	---	20.95	21.10	21.34	21.23	21.08	20.98	20.92	21.20	---	---	1989
1990	21.20	21.37	21.42	---	21.56	21.39	21.26	21.08	20.97	21.15	---	---	---	1990
MOYEN	21.09	21.06	21.08	21.50	21.50	21.24	21.08	20.93	20.86	20.85	20.87	20.95	21.06	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 25 43
LONG 073 49 18 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LOUIS (LAC) A POINTE-CLAIRE - STATION NO. 020A039

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1915	20.95 LE 24 MAI A 18:00 HNE	---	---	1915
1916	22.37 LE 21 MAI A 12:00 HNE	---	---	1916
1917	21.80 LE 04 AVR A 24:00 HNE	---	---	1917
1918	22.02 LE 04 AVR A 2:00 HNE	22.01 LE 04 AVR	20.69 LE 11 MAR	1918
1919	22.40 LE 27 MAI A 18:00 HNE	---	---	1919
1920	21.52 LE 28 MAR A 11:00 HNE	---	---	1920
1921	21.67 LE 09 MAI A 18:00 HNE	21.65 LE 09 MAI	20.39 LE 03 NOV	1921
1922	22.22 LE 21 AVR A 24:00 HNE	---	---	1922
1923	21.77 LE 23 MAI A 19:00 HNE	21.75 LE 23 MAI	20.17 LE 04 MAR	1923
1924	21.97 LE 19 MAI A 18:53 HNE	---	---	1924
1925	21.70 LE 30 MAR A 20:30 HNE	21.66 LE 31 MAR	20.30 LE 25 OCT	1925
1926	21.85 LE 26 AVR A 23:28 HNE	21.82 LE 27 AVR	20.32 LE 21 MAR	1926
1927	21.61 LE 21 MAR A 1:00 HNE	21.61 LE 20 MAR	20.48 LE 28 SEP	1927
1928	22.41 LE 10 AVR A 13:41 HNE	22.40 LE 10 AVR	20.83 LE 09 SEP	1928
1929	22.45 LE 08 MAI A 22:07 HNE	22.43 LE 09 MAI	20.83 LE 31 OCT	1929
1930	21.81 LE 09 AVR A 16:50 HNE	21.80 LE 09 AVR	20.50 LE 25 DEC	1930
1931	21.08 LE 25 JAN A 16:05 HNE	21.06 LE 19 JAN	20.24 LE 15 OCT	1931
1932	21.95 LE 13 AVR A 22:39 HNE	21.91 LE 13 AVR	20.31 LE 02 JAN	1932
1933	21.78 LE 19 AVR A 16:45 HNE	21.76 LE 19 AVR	20.05 LE 07 NOV	1933
1934	21.99 LE 13 AVR A 22:50 HNE	21.93 LE 14 AVR	19.89 LE 11 NOV *	1934
1935	20.98 LE 03 MAI A 21:44 HNE	20.95 LE 03 MAI	19.98 LE 03 NOV	1935
1936	21.96 LE 20 MAI A 22:06 HNE	21.93 LE 20 MAI	20.08 LE 28 FEV	1936
1937	21.92 LE 08 AVR A 1:10 HNE	21.88 LE 08 AVR	20.38 LE 17 OCT	1937
1938	22.16 LE 26 MAR A 23:37 HNE	22.11 LE 26 MAR	20.30 LE 04 DEC	1938
1939	21.89 LE 24 AVR A 22:18 HNE	21.82 LE 24 AVR	20.24 LE 26 NOV	1939
1940	21.46 LE 04 JUN A 18:08 HNE	21.43 LE 04 JUN	20.18 LE 03 MAR	1940
1941	21.64 LE 29 AVR A 16:03 HNE	21.60 LE 29 AVR	20.24 LE 01 SEP	1941
1942	21.58 LE 20 AVR A 21:00 HNE	21.53 LE 20 AVR	20.34 LE 18 OCT	1942
1943	22.82 LE 13 MAI A 23:27 HNE *	22.77 LE 14 MAI *	20.64 LE 22 JAN	1943
1944	21.59 LE 01 JAN A 1:00 HNE	21.53 LE 01 JAN	20.45 LE 21 NOV	1944
1945	22.07 LE 05 AVR A 22:28 HNE	22.00 LE 05 AVR	20.33 LE 18 JAN	1945
1946	21.82 LE 17 MAR	21.73 LE 16 MAR	20.60 LE 10 OCT	1946
1947	22.68 LE 04 JUN A 18:13 HNE	22.63 LE 04 JUN	20.74 LE 02 DEC	1947
1948	21.95 LE 22 MAR A 23:18 HNE	21.88 LE 23 MAR	20.53 LE 01 FEV	1948
1949	21.88 LE 07 AVR A 23:17 HNE	21.81 LE 29 MAR	20.29 LE 01 DEC	1949
1950	21.97 LE 07 AVR	21.92 LE 06 AVR	20.53 LE 03 JAN	1950
1951	22.77 LE 17 AVR A 19:24 HNE	22.73 LE 17 AVR	20.90 LE 03 OCT	1951
1952	22.34 LE 07 AVR A 5:40 HNE	22.33 LE 07 AVR	20.78 LE 19 NOV	1952
1953	22.13 LE 31 MAR A 21:28 HNE	22.07 LE 31 MAR	20.55 LE 09 NOV	1953
1954	22.30 LE 18 AVR A 13:50 HNE	22.23 LE 18 AVR	20.61 LE 01 JAN	1954
1955	22.42 LE 07 AVR A 24:00 HNE	22.34 LE 23 AVR	20.72 LE 06 OCT	1955
1956	21.81 LE 17 AVR A 20:00 HNE	21.77 LE 01 MAI	20.59 LE 31 DEC	1956
1957	21.57 LE 10 JAN A 13:00 HNE	21.55 LE 10 JAN	20.66 LE 05 OCT	1957
1958	21.62 LE 30 MAR A 20:30 HNE	21.55 LE 05 AVR	20.60 LE 12 NOV	1958
1959	21.79 LE 11 AVR A 21:26 HNE	21.73 LE 10 AVR	20.42 LE 19 OCT	1959
1960	22.30 LE 20 MAI A 9:30 HNE	22.27 LE 18 MAI	20.34 LE 18 OCT	1960
1961	21.52 LE 02 MAI A 22:30 HNE	21.45 LE 29 MAI	20.49 LE 19 MAR	1961
1962	21.59 LE 10 AVR A 2:44 HNE	---	---	1962
1963	21.37 LE 27 DEC A 23:25 HNE	---	---	1963
1964	21.42 LE 15 JAN A 16:07 HNE	---	---	1964
1965	21.16 LE 31 DEC A 23:58 HNE	21.06 LE 15 DEC	20.00 LE 28 MAR	1965
1966	21.62 LE 15 JAN A 3:13 HNE	21.58 LE 14 JAN	20.52 LE 09 OCT	1966
1967	21.80 LE 15 NOV A 19:13 HNE	21.77 LE 15 NOV	20.40 LE 26 MAR	1967
1968	21.88 LE 31 MAR A 16:35 HNE	21.85 LE 02 AVR	20.67 LE 25 DEC	1968
1969	22.06 LE 24 AVR A 21:20 HNE	---	---	1969
1970	21.67 LE 07 MAI A 1:50 HNE	21.64 LE 06 MAI	20.63 LE 22 MAR	1970
1971	22.63 LE 22 AVR A 23:45 HNE	22.60 LE 22 AVR	20.66 LE 05 DEC	1971
1972	22.51 LE 06 MAI A 16:03 HNE	22.47 LE 07 MAI	20.76 LE 14 FEV	1972
1973	22.70 LE 19 MAR A 5:15 HNE	22.66 LE 19 MAR	20.99 LE 27 DEC	1973
1974	22.72 LE 23 MAI A 19:20 HNE	22.67 LE 23 MAI	21.23 LE 31 JAN	1974
1975	22.60 LE 21 AVR A 19:10 HNE	---	---	1975
1976	22.81 LE 01 AVR A 16:53 HNE	---	---	1976
1977	22.29 LE 16 MAR A 17:15 HNE	---	---	1977
1978	22.57 LE 13 AVR A 22:29 HNE	---	---	1978
1979	22.35 LE 26 MAR A 18:25 HNE	22.29 LE 02 MAI	20.85 LE 28 JAN	1979
1980	22.06 LE 17 AVR A 3:45 HNE	---	---	1980
1981	22.20 LE 26 FEV A 05:05 HNE	22.16 LE 26 FEV	20.93 LE 01 JAN	1981
1982	22.05 LE 29 AVR A 8:29 HNE	22.01 LE 29 AVR	20.90 LE 12 JAN	1982
1983	22.37 LE 12 MAI A 08:25 HNE	22.32 LE 12 MAI	20.97 LE 25 JAN	1983
1984	22.35 LE 07 AVR A 11:41 HNE	22.30 LE 07 AVR	---	1984
1985	22.19 LE 06 MAI A 12:04 HNE	22.13 LE 06 MAI	20.74 LE 25 DEC	1985
1986	22.23 LE 27 MAI A 1:17 HNE	22.19 LE 27 MAI	21.04 LE 13 JAN	1986
1987	22.25 LE 27 MAR A 11:45 HNE	22.23 LE 27 MAR	20.83 LE 24 JAN	1987
1988	21.87 LE 01 MAI A 4:25 HNE	---	---	1988
1989	21.68 LE 19 DEC A 11:28 HNE	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-MAURICE (RIVIERE) A LA CENTRALE DU RAPIDE BLANC - STATION NO. 02NC002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	275.22	275.73	275.44	---	1982
1983	274.68	275.25	272.75	269.11	275.70	275.70	275.34	275.55	275.74	275.46	275.50	274.58	274.61	1983
1984	274.80	275.06	272.87	269.93	275.56	275.68	275.69	275.52	275.35	275.43	275.73	275.49	274.76	1984
1985	217.05	275.26	273.19	268.57	274.80	275.86	275.84	275.86	275.70	275.82	275.73	275.36	269.83	1985
1986	274.88	274.32	272.12	269.27	275.62	275.73	275.71	275.72	275.51	275.64	275.47R	275.46R	274.63R	1986
1987	275.35	274.56	272.50	271.77	274.40	275.38	275.70	275.52	275.75	275.64	275.65	275.23	274.79	1987
1988	---	---	---	---	---	---	---	275.83	275.84	275.78	275.80	275.35	---	1988
1989	275.21	274.87	---	---	---	---	---	---	---	275.73	275.78	275.40	---	1989
1990	274.72	275.33	273.60	268.57	274.98	275.88	275.67	275.27	275.61	---	---	---	---	1990
MOYEN	266.67	274.95	272.84	269.54	275.18	275.70	275.66	275.61	275.64	275.59	275.67	275.29	273.72	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 47 47 47
LONG 072 58 06

BASSIN VERSANT, 22 600 km²
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

SAINT-MAURICE (RIVIERE) A LA CENTRALE DU RAPIDE BLANC - STATION NO. 02NC002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	276.01 LE 14 MAI	267.23 LE 10 AVR	1983
1984	---	275.99 LE 22 AOU	267.00 LE 11 AVR	1984
1985	---	276.00 LE 09 JUL	74.81 LE 23 JAN *	1985
1986	---	276.02 LE 14 SEP	267.24 LE 10 AVR	1986
1987	---	276.07 LE 05 JUL *	269.24 LE 31 MAR	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-MAURICE (RIVIERE) AU RESERVOIR GOUIN - STATION NO. 02NA003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	403.16	402.86	402.54	402.44	403.06	403.50	403.94	404.20	404.21	403.89	403.73	403.98	403.47	1963
1964	403.80	403.40	402.98	402.82	403.77	404.35	404.70	404.72	404.63	404.28	403.79	403.23	403.87	1964
1965	---	402.48	401.91	401.30	402.07	402.69	402.50	402.89	403.26	403.82	404.20	404.27	---	1965
1966	404.03	403.59	403.27	403.40	404.03	404.71	404.83	404.91	404.82	404.86	404.99	405.01	404.38	1966
1967	404.77	404.38	403.90	403.52	404.01	404.67	404.61	404.27	403.75	404.00	404.65	404.71	404.27	1967
1968	404.38	404.04	403.56	403.77	404.51	404.41	404.22	404.21	404.30	404.56	404.61	404.31	404.24	1968
1969	403.75	403.19	402.55	402.14	402.96	403.85	404.04	404.15	404.36	404.32	404.43	404.45	403.69	1969
1970	404.16	403.63	403.18	402.72	403.57	404.35	404.63	404.78	404.63	404.72	404.48	404.25	404.10	1970
1971	403.68	402.97	402.42	402.12	402.92	403.47	403.23	402.83	402.45	402.53	402.47	401.91	402.75	1971
1972	401.30	400.46	399.83	399.70	400.45	401.50	401.91	402.08	402.30	402.62	402.95	402.94	401.51	1972
1973	402.64	402.15	401.80	402.16	403.11	403.62	404.09	404.54	404.83	404.82	404.81	404.74	403.62	1973
1974	404.25	403.59	402.92	402.54	403.77	404.78	404.81	404.62	404.39	404.54	404.80	404.56	404.14	1974
1975	403.89	403.17	402.69	402.49	403.26	404.03	404.06	404.05	404.05	404.26	404.37	404.36	403.73	1975
1976	404.01	403.29	402.68	402.99	403.89	404.27	404.38	404.57	404.57	404.34	404.32	404.07	403.95	1976
1977	403.58	402.98	402.58	402.82	403.89	404.19	404.33	404.30	404.23	404.18	404.13	404.02	403.77	1977
1978	403.71	403.11	402.86	402.56	403.19	403.89	404.00	403.80	403.35	403.26	403.21	402.97	403.35	1978
1979	402.60	402.07	401.51	401.82	403.04	403.74	403.94	403.73	403.61	403.97	404.37	404.57	403.25	1979
1980	404.43	403.86	403.26	403.25	403.87	403.87	403.77	403.89	403.78	404.12	404.48	404.41	403.92	1980
1981	---	---	---	404.17	404.91	404.76	404.73	404.51	403.96	403.56	403.37	403.14	---	1981
1982	402.90	402.27	401.53	400.90	401.71	402.33	402.47	402.08	401.98	402.21	402.45	402.81	402.14	1982
1983	403.08	402.99	402.93	403.11	---	404.93	404.92	---	404.15	---	---	---	---	1983
1984	403.42	403.10	402.92	403.06	403.96	404.73	404.96	404.85	404.66	404.35	404.16	404.14	404.03	1984
1985	403.96	403.62	403.29	403.20	403.90	404.65	404.94	404.89	404.52	404.23	404.11	403.99	404.11	1985
1986	403.58	403.01R	402.51	402.67	403.73	404.24R	404.41	---	404.50	---	---	404.62R	---	1986
1987	404.25	403.64	403.02	403.28	403.31	403.46	403.47	403.17	402.64	402.26	402.22	402.17	403.07	1987
1988	---	---	---	---	---	---	---	401.74	402.25	402.06	403.51	403.77	---	1988
1989	403.50	403.02	---	---	---	---	---	---	---	402.56	402.76	402.85	---	1989
1990	402.52	---	---	401.94	---	403.27	403.58	---	403.53	---	---	---	---	1990
MOYEN	403.57	403.08	402.61	402.57	403.37	403.93	404.06	403.91	403.84	403.80	403.89	403.86	403.59	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 21 15
LONG 074 06 05

BASSIN VERSANT, 9 450 km²
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 01 1988

SAINT-MAURICE (RIVIERE) AU RESERVOIR GOUIN - STATION NO. 02NA003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	AN
1963	---	404.90 LE 31 AOU	402.33 LE 15 AVR	
1964	---	404.81 LE 26 AOU	402.63 LE 12 AVR	
1965	---	---	---	
1966	---	405.06 LE 23 NOV	403.22 LE 20 MAR	
1967	---	404.99 LE 01 JAN	403.45 LE 28 AVR	
1968	---	404.70 LE 30 OCT	403.48 LE 17 MAR	
1969	---	404.52 LE 27 NOV	402.02 LE 11 AVR	
1970	---	404.91 LE 04 AOU	402.54 LE 22 AVR	
1971	---	404.02 LE 01 JAN	401.74 LE 31 DEC	
1972	---	403.06 LE 02 DEC	399.60 LE 19 AVR *	
1973	---	404.91 LE 11 SEP	401.71 LE 08 MAR	
1974	---	404.88 LE 14 JUL	402.38 LE 15 AVR	
1975	---	404.42 LE 24 NOV	402.38 LE 18 AVR	
1976	---	404.66 LE 24 AOU	402.54 LE 27 MAR	
1977	---	404.38 LE 12 JUL	402.52 LE 14 MAR	
1978	---	404.08 LE 01 JUL	402.47 LE 16 AVR	
1979	---	404.65 LE 20 DEC	401.15 LE 12 MAR	
1980	---	404.61 LE 01 JAN	403.05 LE 10 AVR	
1981	---	---	---	
1982	---	403.13 LE 02 JAN	400.70 LE 25 AVR	
1983	---	---	---	
1984	---	405.02 LE 16 JUL	402.87 LE 04 AVR	
1985	---	405.09 LE 29 JUL *	403.13 LE 20 AVR	
1986	---	---	---	
1987	---	404.44 LE 01 JAN	401.99 LE 31 DEC	
1988	---	---	---	
1989	---	---	---	
1990	---	---	---	

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-NICOLAS (BRAS) PRES DE SON EMBOUCHURE - STATION NO. 02PH003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1923	---	46.53R	---	---	---	45.99R	45.78R	45.79R	45.78R	46.16R	46.52R	---	---	1923
1925	---	---	---	---	---	---	---	---	---	---	---	---	---	1925
1926	46.05R	46.16R	46.34R	46.55R	46.87R	46.06R	45.93R	---	45.91R	46.17R	46.28R	46.13R	---	1926
1927	46.02R	46.10R	46.50R	46.50R	46.15R	46.07R	45.90R	45.77R	45.91R	46.11R	46.19R	46.21R	46.18R	1927
1928	---	46.41R	46.48R	46.69R	46.94R	46.10R	46.05R	45.86R	45.82R	46.24R	46.40R	46.61R	46.19R	1928
1929	46.58R	46.31R	46.57R	46.84R	46.64R	46.10R	46.06R	45.92R	45.87R	46.14R	46.12R	46.24R	---	1929
1930	46.68R	46.42R	46.38R	46.76R	46.50R	46.20R	45.99R	46.06R	45.92R	46.21R	46.16R	46.12R	46.29R	1930
1931	45.93R	45.93R	46.22R	46.56R	46.15R	46.18R	46.16R	46.18R	46.04R	45.93R	46.16R	46.18R	46.30R	1931
1932	46.39R	46.28R	46.10R	46.86R	46.28R	46.08R	45.88R	45.80R	46.12R	46.17R	46.15R	46.05R	46.10R	1932
1933	45.82R	45.63R	45.38R	46.43R	46.72R	45.96R	46.09R	45.99R	45.98R	45.99R	46.22R	46.13R	46.20R	1933
1934	45.47R	45.24R	45.56R	47.17R	46.27R	46.00R	45.90R	45.60R	45.44R	45.67R	45.74R	45.42R	45.81R	1934
1935	45.94R	45.27R	45.61R	46.88R	46.28R	46.21R	45.90R	45.94R	45.82R	45.90R	46.06R	46.26R	46.22R	1935
1936	45.60R	45.57R	46.45R	46.41R	---	45.97R	46.07R	45.97R	45.97R	46.06R	46.17R	46.12R	45.97R	1936
1937	46.00R	45.79R	45.80R	46.76R	46.35R	46.03R	45.91R	45.80R	45.98R	46.16R	46.08R	46.11R	46.04R	1937
1938	46.11R	46.28R	46.26R	46.50R	46.24R	46.06R	45.84R	46.06R	46.06R	46.23R	46.23R	46.09R	---	1938
1939	46.13R	46.16R	46.40R	46.78R	46.62R	46.13R	45.92R	46.12R	46.13R	46.23R	46.23R	46.16R	46.11R	1939
1940	46.05R	46.12R	46.19R	46.56R	46.61R	46.23R	46.00R	46.02R	45.96R	45.97R	46.00R	46.24R	46.14R	1940
1941	46.30R	46.12R	46.10R	46.68R	46.03R	45.95R	45.91M	45.80R	45.80R	45.91R	46.24R	46.20R	46.14R	1941
1942	46.17R	46.05R	46.45R	46.89R	46.45R	46.13R	46.02R	45.77R	46.09R	46.22R	46.29R	46.31R	46.16R	1942
1943	46.15R	46.30R	46.66R	46.97R	46.73R	46.15R	45.89R	45.77R	45.76R	45.93R	46.14R	46.07R	46.14R	1943
1944	46.02R	45.98R	46.27R	46.52R	46.38R	45.91R	45.87R	45.95R	45.82R	46.11R	46.23R	46.07R	46.25R	1944
1945	46.48R	46.36R	46.89R	46.65R	46.27R	46.06R	45.93R	45.85R	45.87R	46.10R	45.90R	46.03R	46.06R	1945
1946	46.47R	46.26R	46.65R	46.48R	46.43R	45.97R	46.07R	45.88R	46.05R	46.07R	46.10R	46.23R	46.26R	1946
1947	46.34R	46.60R	46.65R	46.81R	46.90R	46.33R	45.90R	45.91R	45.86R	46.12R	46.21R	46.48R	46.23R	1947
1948	46.03R	45.98R	46.28R	46.65R	46.49R	45.96R	46.19M	45.87R	45.90R	45.94R	45.89R	46.03R	46.29R	1948
1949	46.27R	46.13R	46.37R	46.63R	46.20R	45.95R	45.92R	45.97R	45.81R	45.98R	46.14R	46.13R	46.11R	1949
1950	46.58R	46.17R	46.12R	46.55R	46.19R	46.26R	45.80R	45.76R	45.90R	45.89R	46.08R	46.37R	46.11R	1950
1951	46.12R	46.11R	46.06R	46.90R	46.15R	45.96R	45.98R	45.81R	45.90R	45.97R	46.38R	46.35R	46.19R	1951
1952	---	46.41R	46.46R	46.82R	46.37R	46.18R	46.15R	45.73R	45.80R	45.80R	46.17R	---	---	1952
1953	46.30R	46.32R	46.42R	46.65R	46.26R	45.81R	45.94R	45.82R	45.78R	46.18R	46.02R	46.23R	---	1953
1954	45.99R	46.17R	46.30R	46.65R	46.34R	46.21R	45.77R	45.64R	45.71R	45.76R	45.82R	45.99R	46.03R	1954
1955	46.02R	45.72R	45.87R	46.75R	46.47R	45.90R	46.05R	46.07R	46.25R	46.20R	46.08R	46.12R	46.20R	1955
1956	46.14R	45.76R	45.76R	46.29R	46.41R	46.07R	45.81R	45.86R	45.78R	45.75R	45.95R	45.89R	45.98R	1956
1957	46.16R	46.52R	46.55R	46.57R	46.07R	46.04R	45.80R	45.65R	45.71R	45.74R	---	45.97R	---	1957
1958	46.11R	45.98R	46.23R	46.74R	46.34R	46.15R	46.11R	45.71R	45.97R	45.92R	46.12R	46.15R	46.15R	1958
1959	46.13R	46.07R	46.15R	46.60R	46.16R	46.10R	45.83R	46.16R	46.01R	45.98R	46.03R	45.99R	46.15R	1959
1960	46.06R	46.24R	45.53R	46.80R	46.41R	45.88R	45.73R	45.96R	45.85R	45.99R	46.13R	46.09R	46.09R	1960
1961	45.99R	45.88R	45.86R	46.38R	46.55R	46.04R	45.81R	45.68R	45.74R	45.81R	46.01R	46.07R	45.99R	1961
1962	45.99R	45.92R	45.97R	46.34R	46.19R	45.92R	45.95R	45.71R	46.07R	45.76R	46.00R	46.12R	46.01R	1962
1963	45.88R	45.81R	45.94R	46.32R	46.31R	45.73R	45.86R	45.82R	45.86R	45.94R	46.09R	45.90R	45.99R	1963
1964	45.78R	46.05R	45.91R	46.24R	46.15R	45.94R	45.89R	45.90R	45.90R	45.98R	46.14R	45.94R	45.98R	1964
1965	46.02R	46.14R	46.16R	46.25R	46.17R	45.96R	45.76R	45.84R	45.81R	45.84R	46.03R	46.25R	45.98R	1965
1966	46.26R	46.40R	46.64R	46.62R	46.27R	45.87R	45.81R	45.85R	46.00R	46.15R	46.00R	46.05R	46.04R	1966
1967	46.15R	46.09R	46.10R	46.51R	46.44R	46.02R	45.95R	45.76R	45.86R	45.95R	46.04R	46.22R	46.14R	1967
1968	46.18R	46.49R	46.64R	46.76R	46.02R	45.82R	45.80R	45.93R	45.89R	46.02R	46.02R	46.32R	46.12R	1968
1969	46.13R	46.29R	46.33R	46.67R	46.69R	45.91R	45.79R	45.70R	45.75R	45.81R	45.95R	46.10R	46.07R	1969
1970	46.32R	46.72R	46.69R	46.97R	46.49R	45.95R	45.87R	45.83R	45.92R	45.87R	46.16R	46.23R	46.15R	1970
1971	---	---	---	46.71R	46.62R	45.83R	45.85R	45.82R	46.02R	46.10R	46.05R	46.17R	46.26R	1971
1972	46.24R	46.27R	46.82R	46.89R	46.79R	46.20R	45.94R	46.24R	46.16R	46.03R	45.92R	46.15R	---	1972
1973	46.47R	46.67R	46.99R	46.73R	46.52R	46.04R	45.91R	46.13R	45.98R	46.23R	46.13R	46.42R	46.34R	1973
1974	46.53R	46.66R	46.68R	47.21R	46.85R	46.10R	45.95R	46.05R	46.07R	46.03R	45.97R	46.47R	46.33R	1974
1975	46.21R	46.17R	46.58R	46.78R	46.64R	46.04R	---	45.87R	45.98R	46.02R	46.01R	46.25R	46.34R	1975
1976	46.38R	46.75R	47.05R	46.82R	46.62R	45.99R	46.38R	46.28R	46.41R	46.38R	46.45R	46.32R	---	1976
1977	46.19R	46.17R	46.51R	46.88R	46.25R	---	---	---	46.11R	46.29R	46.19R	46.36R	46.43R	1977
1978	---	---	---	46.72R	46.96R	46.10R	45.84R	45.77R	---	---	---	---	---	1978
1979	46.20R	46.34R	46.94R	46.55R	46.64R	46.75R	45.76R	45.86R	45.84R	45.88R	---	45.84R	---	1979
1982	---	---	---	---	---	---	---	---	46.25R	---	---	---	---	1982
1983	46.08	46.08	46.24	47.01	46.55	45.78	45.61	45.63	45.53	45.65	45.87	46.21	---	1983
1984	46.05	46.40	46.43	46.83	46.52	45.91	46.10	45.63	45.49	45.65	46.05	46.22	46.03	1984
1985	45.94	45.93	46.32	46.77	46.12	45.93	45.79	45.45	45.43	45.52R	45.81R	46.03R	46.06R	1985
MOYEN	46.14R	46.16R	46.31R	46.68R	46.43R	46.03R	45.92R	45.87R	45.90R	45.99R	46.09R	46.15R	46.14R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -34.75 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 48 43
LONG 070 33 14

BASSIN VERSANT, 642 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

SAINT-NICOLAS (BRAS) PRES DE SON EMBOUCHURE - STATION NO. 02PH003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1923	---	---	---	1923
1925	---	---	---	1925
1926	---	47.44 LE 04 MAI	45.60 LE 07 AOU	1926
1927	---	48.98 LE 18 NOV *	45.69 LE 15 SEP	1927
1928	---	---	---	1928
1929	---	47.82 LE 08 AVR	45.74 LE 27 JUL	1929
1930	---	47.82 LE 03 MAI	45.79 LE 09 SEP	1930
1931	---	47.03 LE 11 AVR	45.65 LE 24 AOU	1931
1932	---	47.31 LE 13 AVR	45.72 LE 16 SEP	1932
1933	---	48.65 LE 04 MAI	45.24 LE 28 MAR	1933
1934	---	47.86 LE 25 AVR	45.15 LE 13 FEV	1934
1935	---	48.58 LE 11 AVR	45.10 LE 04 MAR	1935
1936	---	---	---	1936
1937	---	47.66 LE 15 SEP	45.52 LE 10 SEP	1937
1938	---	47.67 LE 24 MAR	45.50 LE 15 JUN	1938
1939	---	48.21 LE 22 AVR	45.70 LE 03 SEP	1939
1940	---	47.82 LE 04 MAI	45.68 LE 07 OCT	1940
1941	---	47.75 LE 16 AVR	45.70 LE 13 AOU	1941
1942	---	48.04 LE 30 AVR	45.67 LE 05 SEP	1942
1943	---	47.48 LE 08 MAI	45.70 LE 26 SEP	1943
1944	---	47.37 LE 05 MAI	45.72 LE 10 JUL	1944
1945	---	47.86 LE 01 AVR	45.68 LE 26 AOU	1945
1946	---	47.28 LE 01 OCT	45.70 LE 19 AOU	1946
1947	---	48.23 LE 07 MAI	45.76 LE 23 AOU	1947
1948	---	47.27 LE 19 MAI	45.69 LE 13 SEP	1948
1949	---	47.11 LE 27 MAR	45.66 LE 15 AOU	1949
1950	---	47.70 LE 21 AVR	45.70 LE 11 AOU	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	47.68 LE 26 MAR	45.57 LE 22 AOU	1953
1954	---	47.57 LE 23 AVR	45.80 LE 22 JUN	1954
1955	---	47.72 LE 16 AVR	45.59 LE 12 FEV	1955
1956	---	---	---	1956
1957	---	47.41 LE 22 DEC	45.56 LE 21 AOU	1957
1958	---	47.67 LE 25 AVR	45.77 LE 24 OCT	1958
1959	---	47.32 LE 06 AVR	45.60 LE 09 AOU	1959
1960	---	47.80 LE 19 AVR	45.06 LE 02 NOV	1960
1961	---	47.04 LE 01 MAI	45.42 LE 18 OCT	1961
1962	---	47.10 LE 29 AVR	45.51 LE 17 AOU	1962
1963	---	47.09 LE 01 MAI	45.08 LE 20 JUN	1963
1964	---	47.52 LE 16 AVR	44.38 LE 12 JAN *	1964
1965	---	46.73 LE 07 MAR	45.67 LE 03 AOU	1965
1966	---	47.28 LE 22 AVR	45.66 LE 04 SEP	1966
1967	---	47.50 LE 03 MAI	45.70 LE 06 JUL	1967
1968	---	48.61 LE 30 MAR	45.67 LE 21 AOU	1968
1969	---	48.05 LE 09 MAI	45.70 LE 23 JUL	1969
1970	---	47.77 LE 18 AVR	45.68 LE 16 AOU	1970
1971	---	---	---	1971
1972	---	47.71 LE 19 MAR	45.79 LE 28 JUL	1972
1973	---	47.96 LE 23 AVR	45.70 LE 26 JUL	1973
1974	---	47.84 LE 02 MAI	45.71 LE 27 AOU	1974
1975	---	---	---	1975
1976	---	47.99 LE 27 MAR	45.78 LE 25 AOU	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1982	---	---	---	1982
1983	---	48.40 LE 26 AVR	45.39 LE 02 JUL	1983
1984	---	47.69 LE 01 MAI	45.40 LE 16 SEP	1984
1985	---	---	---	1985

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -34.75 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-PIERRE (LAC) AU CURB NO. 2 - STATION NO. 02OC016

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1978	---	---	---	---	---	---	---	---	---	3.97	---	3.81	---	1978
1979	---	---	---	---	5.65	4.68	4.17	4.13	4.39	---	4.63	4.86	---	1979
1980	---	---	---	---	5.18	4.50	---	---	---	4.93	---	4.83	---	1980
1981	5.05	5.48	---	5.73	5.19	---	4.55	4.70	---	---	---	---	---	1981
1982	4.30	4.46	4.50	---	4.98	4.26	4.08	3.95	3.94	---	4.10	4.54	---	1982
1983	---	4.66	---	---	---	---	4.16	4.08	4.00	3.98	4.54	---	---	1983
1984	---	---	---	---	5.23	---	---	4.45	4.28	3.97	4.10	---	---	1984
1985	---	---	---	---	5.26	---	4.33	4.44	4.22	4.23	---	---	---	1985
1986	4.30	---	---	---	---	---	4.60	---	---	4.70	---	---	---	1986
1987	4.49	4.45	4.84	5.43	4.36	---	4.26	4.02	3.96	3.96	3.91	---	---	1987
1988	---	---	---	---	---	3.82	3.69	---	---	4.18	4.92	4.30	---	1988
1989	---	---	---	---	4.78	4.61	---	3.92	3.82	3.84	4.38	---	---	1989
1990	4.72	4.64	---	---	5.13	4.53	---	4.07	3.86	---	4.58	4.77	---	1990
MOYEN	4.57	4.74	4.67	5.58	5.08	4.40	4.23	4.20	4.06	4.20	4.40	4.52	---	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 46 11 40
LONG 072 53 46

REMAQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-PIERRE (LAC) AU CURB NO. 2 - STATION NO. 02OC016

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE		NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1978	4.34 LE 16 OCT A 11:47 HNE		---		---		1978
1979	6.42 LE 02 MAI		---		---		1979
1980	6.34 LE 17 AVR A 6:34 HNE		---		---		1980
1981	7.18 LE 26 FEV A 07:59 HNE	*	7.08 LE 26 FEV	*	---		1981
1982	6.24 LE 29 AVR A 13:24 HNE		5.85 LE 02 MAI		3.48 LE 26 OCT	*	1982
1983	6.68 LE 12 MAI A 02:48 HNE		6.82 LE 12 MAI		---		1983
1984	---		---		3.62 LE 03 NOV		1984
1985	6.04 LE 03 MAI A 16:44 HNE		---		---		1985
1986	5.83 LE 14 AVR A 13:40 HNE		---		---		1986
1987	6.69 LE 02 AVR A 9:30 HNE		6.60 LE 02 AVR		3.62 LE 16 NOV		1987
1988	5.75 LE 12 AVR A 10:17 HNE		---		---		1988
1989	5.66 LE 08 MAI A 15:54 HNE		---		---		1989
1990	6.03 LE 01 MAI A 01:59 HNE		5.89 LE 01 MAI		3.61 LE 29 SEP		1990

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINTE-ANNE (RIVIERE) A CHUTE-PANET-2 - STATION NO. 02PB020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1953	---	---	---	133.10R	133.00R	132.62R	132.50R	132.36R	---	132.37R	132.62R	132.63R	---	1953
1954	132.50R	132.56R	132.62R	133.02R	133.16R	132.84R	132.74R	132.68R	132.86R	132.90R	132.80R	132.64R	132.78R	1954
1955	132.57R	132.47R	132.51R	133.00R	133.24R	132.69R	132.61R	132.53R	132.62R	132.55R	132.68R	132.54R	132.67R	1955
1956	132.44R	132.40R	132.39R	132.62R	133.04R	132.86R	132.80R	132.72R	132.72R	132.66R	132.54R	132.53R	132.65R	1956
1957	132.62R	132.65R	132.54R	132.89R	---	132.88R	132.94R	---	---	132.74R	132.77R	132.83R	---	1957
1958	132.74R	132.53R	132.56R	133.00R	---	---	132.82R	132.78R	132.83R	132.81R	---	132.60R	---	1958
1959	132.58R	132.55R	132.53R	132.81R	133.08R	132.82R	132.70R	132.80R	132.70R	132.91R	133.05R	---	---	1959
1960	132.54R	---	---	132.99R	133.17R	132.67R	132.78R	132.63R	132.61R	132.69R	132.77R	132.59R	---	1960
1961	132.49R	132.41R	132.40R	132.64R	133.14R	132.89R	132.76R	132.70R	132.80R	132.70R	132.64R	---	---	1961
1962	132.64R	132.52R	---	---	133.09R	132.80R	132.87R	132.79R	132.90R	132.71R	132.66R	132.60R	---	1962
1963	132.40R	132.25R	132.32R	132.68R	133.17R	132.72R	132.76R	132.75R	132.78R	132.75R	132.81R	132.68R	132.67R	1963
1964	132.48R	132.40R	132.45R	132.82R	133.09R	132.81R	132.87R	132.87R	132.62R	132.60R	132.61R	132.67R	132.69R	1964
1965	132.58R	132.62R	132.58R	132.69R	133.09R	132.71R	132.68R	132.75R	132.85R	132.95R	132.70R	132.59R	132.73R	1965
1966	132.53R	132.47R	132.55R	132.80R	133.18R	132.93R	132.62R	132.76R	132.68R	132.84R	133.03R	132.88R	132.77R	1966
1967	132.69R	132.61R	132.57R	132.75R	133.12R	133.00R	---	---	132.68R	---	132.82R	132.65R	---	1967
1968	132.61R	132.53R	---	---	---	---	---	---	---	132.69R	132.59R	132.54R	---	1968
1969	132.57R	132.53R	132.45R	132.79R	133.31R	---	132.66R	132.78R	132.69R	132.65R	132.78R	132.68R	---	1969
1970	132.67R	132.68R	132.53R	132.72R	133.18R	132.86R	132.80R	132.70R	---	132.87R	132.77R	132.68R	---	1970
1971	10.71	10.68	10.66	10.81	11.40	---	10.88	11.00	---	10.94	10.78	10.75	---	1971
1972	10.71	---	10.66	10.72	---	---	---	---	---	---	---	---	---	1972
MOYEN	119.74	125.34	117.27	119.27	125.53	132.81	125.58	125.10	132.74	125.96	125.97	125.48	132.71	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 51 42 LONG 071 52 18 — BASSIN VERSANT, 1 550 km² — REGULARISE — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC — R - REVISEE DEPUIS JAN 01 1988

SAINTE-ANNE (RIVIERE) A CHUTE-PANET-2 - STATION NO. 02PB020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN		NIVEAU MINIMUM QUOTIDIEN		ANNEE
1953	---	---		---		1953
1954	---	133.81	LE 10 MAI	132.39	LE 02 JAN	1954
1955	---	133.87	LE 05 MAI	132.20	LE 05 AOU	1955
1956	---	133.63	LE 17 MAI	132.05	LE 31 MAR *	1956
1957	---	---		---		1957
1958	---	---		---		1958
1959	---	---		---		1959
1960	---	---		---		1960
1961	---	---		---		1961
1962	---	---		---		1962
1963	---	133.65	LE 20 MAI	132.12	LE 08 MAR	1963
1964	---	133.54	LE 11 JUN	132.31	LE 03 MAR	1964
1965	---	133.44	LE 12 MAI	132.33	LE 02 FEV	1965
1966	---	134.06	LE 04 NOV *	132.24	LE 31 OCT	1966
1967	---	---		---		1967
1968	---	---		---		1968
1969	---	---		---		1969
1970	---	---		---		1970
1971	---	---		---		1971
1972	---	---		---		1972

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINTE-ANNE (RIVIERE) EN AMONT DU BRAS DU NORD NO. I - STATION NO. 02PB003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1949	---	---	---	---	---	---	---	---	134.53	134.46	134.38	134.75	---	1949
1950	135.41	135.14	135.19	135.34	134.88	134.72	134.37	134.27	134.24	134.43	134.71	135.01	134.81	1950
1951	135.07	134.94	134.93	135.33	135.07	134.46	134.48	134.55	134.48	134.44	134.91	135.39	134.84	1951
1952	135.07	134.92	134.65	134.94	135.08	134.57	134.20	134.35	134.34	134.56	134.44	135.86	134.75	1952
1953	136.28	135.92	135.90	134.95	134.77	134.32	134.20	134.06	134.31	134.21	134.30	134.53	134.81	1953
1954	134.57	134.60	134.54	134.89	134.91	134.52	134.35	134.29	134.48	134.52	134.48	134.84	134.58	1954
1955	134.61	134.47	134.53	134.92	134.99	134.35	134.25	134.34	134.36	134.25	134.44	134.60	134.51	1955
1956	134.42	134.31	134.22	134.33	134.76	134.53	134.43	134.33	134.39	134.32	134.36	134.80	134.43	1956
1957	134.63	134.54	134.48	134.60	134.55	134.47	134.56	134.28	134.40	134.37	134.52	135.64	134.59	1957
1958	136.04	135.24	134.87	134.72	134.65	134.63	134.47	134.37	134.45	134.39	134.44	135.00	134.77	1958
1959	134.75	134.57	134.46	134.72	134.71	134.38	134.28	134.29	134.26	134.40	134.84	135.65	134.61	1959
1960	135.17	135.07	134.68	135.10	134.74	134.27	134.38	134.19	134.16	134.25	134.37	134.76	134.59	1960
1961	134.66	134.48	134.54	134.45	134.74	134.46	134.29	134.18	134.32	134.18	134.14	134.34	134.40	1961
1962	134.52	134.42	134.27	134.47	134.65	134.31	134.30	134.24	134.38	134.23	134.51	134.61	134.41	1962
1963	134.58	134.47	134.28	134.35	134.79	134.25	134.29	134.25	134.27	134.28	134.34	135.84	134.50	1963
1964	135.64	134.83	134.75	134.92	134.64	134.36	134.44	134.44	134.16	134.15	134.54	135.94	134.74	1964
1965	135.94	135.55	135.05	134.88	134.74	---	---	134.26	134.38	134.52	---	---	---	1965
1966	134.68	---	134.60	134.42	134.80	---	---	---	---	134.44	134.84	135.62	---	1966
1967	135.45	134.96	134.72	134.60	134.69	---	---	---	134.31	---	---	---	---	1967
1968	134.77	134.59	134.55	135.06	---	---	134.16	133.99	134.03	134.15	134.11	134.55	---	1968
1969	134.44	134.28	134.15	---	---	---	---	134.25	134.11	134.10	134.49	135.01	---	1969
1970	134.79	134.77	134.49	134.74	134.75	134.32	134.26	134.17	134.21	134.43	134.44	134.87	134.52	1970
1971	134.55	134.64	134.54	134.39	134.97	134.12	134.13	134.32	134.31	134.22	134.45	134.64	134.44	1971
1972	134.56	---	134.55	134.32	134.88	134.40	134.31	134.37	---	---	---	---	---	1972
1973	---	---	134.59	134.55	134.80	134.21	---	---	134.23	134.25	134.22	135.11	---	1973
1974	135.72	134.66	134.46	134.90	134.91	134.56	133.98	---	---	133.23	133.27	134.38	---	1974
1975	134.52	134.12	134.27	134.06	133.96	133.25	132.89	---	---	132.97	---	---	---	1975
1976	---	134.45	134.41	134.73	134.00	133.09	---	---	---	132.99	133.66	134.26	---	1976
1977	133.83	133.60	133.83	133.90	133.61	133.00	133.00	133.01	133.02	133.16	133.02	---	---	1977
1978	---	---	---	---	---	133.03	132.80	132.76	132.80	133.00	133.21	134.05	---	1978
1979	133.77	133.41	133.84	---	---	133.10	132.89	133.07	133.43	133.20	133.19	---	---	1979
1980	---	---	---	---	---	133.13	133.03	---	---	133.28	133.29	133.76	---	1980
1981	133.42	134.29	133.58	133.90	133.64	133.36	133.02	132.99	132.88	133.11	133.03	132.93	133.34	1981
1982	132.95	132.92	132.99	133.41	133.82	133.06	---	---	133.10	133.04	133.41	134.78	---	1982
1983	---	134.33	133.96	133.88	134.23	133.28	132.98	132.93	132.97	133.04	133.28	133.37	---	1983
1984	133.45	133.25	133.15	133.85	133.74	133.18	133.07	---	132.95	132.85R	133.41R	133.67R	---	1984
1985	133.62	133.22	133.20	133.62	133.92	133.22	133.12	132.88	132.90	133.09R	133.29R	134.91R	133.42R	1985
1986	---	133.97	133.81	134.33	133.74	133.19	133.18	133.03	133.17	133.17R	133.63R	134.06R	---	1986
1987	133.47	133.19	133.24	133.74	133.07	133.09	133.06	132.89	133.01	133.14R	133.67R	134.72R	133.36R	1987
1988	134.38	133.99	133.75	134.02	133.67	132.94	133.04	133.12	133.16	---	---	134.14	---	1988
1989	133.61	133.45	133.38	133.56	134.22	133.21	132.92	132.92	132.93	133.20	133.80	134.89	133.51	1989
1990	134.38	---	---	---	133.76	133.26	133.06	132.98	132.92	---	---	---	---	1990
MOYEN	134.62	134.39	134.30	134.47	134.44	133.85	133.77	133.82	133.84	133.84	134.04	134.72	134.38	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 46 53 22
LONG 071 50 13

BASSIN VERSANT, 759 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

SAINTE-ANNE (RIVIERE) EN AMONT DU BRAS DU NORD NO. 1 - STATION NO. 02PB003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1949	---	---	---	1949
1950	---	136.54 LE 21 AVR	134.12 LE 13 SEP	1950
1951	---	136.58 LE 09 AVR	134.29 LE 23 JUN	1951
1952	---	137.27 LE 13 DEC	134.14 LE 23 JUL	1952
1953	---	137.36 LE 26 MAR *	134.01 LE 23 AOU	1953
1954	---	136.02 LE 10 MAI	134.15 LE 31 AOU	1954
1955	---	136.41 LE 17 AVR	134.06 LE 01 DEC	1955
1956	---	135.51 LE 17 MAI	134.15 LE 09 AOU	1956
1957	---	137.15 LE 21 DEC	134.12 LE 02 SEP	1957
1958	---	136.54 LE 14 JAN	134.20 LE 14 NOV	1958
1959	---	136.10 LE 25 NOV	134.09 LE 08 AOU	1959
1960	---	137.00 LE 19 AVR	134.04 LE 03 SEP	1960
1961	---	135.49 LE 16 MAI	134.06 LE 02 DEC	1961
1962	---	135.79 LE 08 AVR	134.11 LE 08 JUL	1962
1963	---	136.25 LE 25 DEC	134.00 LE 18 JUN	1963
1964	---	137.03 LE 27 DEC	134.09 LE 01 FEV	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	136.44 LE 28 AVR	134.00 LE 19 AOU	1970
1971	---	135.98 LE 21 MAI	133.97 LE 28 JUN	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	136.20 LE 23 FEV	132.73 LE 08 SEP	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	135.21 LE 13 DEC	132.77 LE 23 SEP	1985
1986	---	---	---	1986
1987	---	136.89 LE 01 AVR	132.71 LE 24 JUN *	1987
1988	---	---	---	1988
1989	---	137.33 LE 07 MAI	132.82 LE 17 SEP	1989
1990	---	---	---	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINTE-ANNE (RIVIERE) PRES DE SAINT-RAYMOND-1 - STATION NO. 02PB008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1953	---	---	---	133.59	133.31	132.74	132.60	---	132.72	132.49	132.79	132.91	---	1953
1954	132.75	132.85	132.94	133.53	133.71	133.16	132.97	---	---	133.21	133.09	133.02	---	1954
1955	132.97	132.83	132.95	133.60	133.83	132.90	132.80	132.76	---	132.71	132.92	---	---	1955
1956	132.69	132.63	132.65	132.88	133.46	133.09	133.17	133.01	132.99	132.86	132.79	132.91	132.93	1956
1957	132.91	132.84	132.83	133.30	133.21	133.10	133.36	132.82	133.01	132.94	133.06	133.61	133.08	1957
1958	134.07	133.58	133.48	133.46	133.30	133.42	133.22	132.98	133.09	132.96	132.97	133.14	133.30	1958
1959	133.05	---	132.95	133.34	---	---	---	---	---	---	133.45	---	---	1959
1960	---	---	---	---	---	---	---	---	132.78	132.89	133.07	132.83	---	1960
1961	---	132.80	132.83	133.09	133.74	133.48	133.15	133.01	133.08	132.92	132.81	132.84	---	1961
1962	---	---	---	---	133.67	133.25	133.37	133.00	133.34	133.16	---	---	---	1962
1963	---	---	---	---	134.01	133.19	133.03	133.03	132.98	132.98	133.15	---	---	1963
1965	---	---	133.47	133.36	133.49	132.90	132.95	133.02	133.11	133.23	132.98	133.02	---	1965
1966	132.84	132.81	132.97	133.15	133.63	133.27	132.79	132.97	---	133.04	133.40	133.73	---	1966
1967	133.84	---	---	---	---	---	---	---	132.87	133.25	133.22	---	---	1967
1968	133.11	133.00	133.00	133.76	133.04	132.83	132.83	132.77	132.68	132.80	132.68	132.66	132.93	1968
1969	132.70	132.67	132.58	133.05	133.92	133.06	---	133.02	---	---	---	---	---	1969
1970	---	---	---	---	---	133.19	133.07	132.88	132.91	---	---	133.04	---	1970
1971	132.84	132.87	132.84	---	133.74	132.72	132.90	133.07	133.08	133.01	132.89	133.03	---	1971
MOYEN	133.07	132.89	132.96	133.34	133.58	133.09	133.02	132.95	132.97	132.96	133.02	133.06	133.06	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 46 53 12
LONG 071 51 23

BASSIN VERSANT, 1 540 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINTE-ANNE (RIVIERE) PRES DE SAINT-RAYMOND-1 - STATION NO. 02PB008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	134.69 LE 17 MAI	132.50 LE 02 FEV *	1956
1957	---	135.49 LE 22 DEC	132.57 LE 23 AOU	1957
1958	---	135.30 LE 02 JUN	132.70 LE 16 AOU	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	136.04 LE 26 AVR *	132.56 LE 06 SEP	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINTE-PIERRE (LAC) A LOUISEVILLE - STATION NO. 02OC003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1961	---	---	---	---	---	---	---	---	---	3.87	3.66	3.95	---	1961
1962	4.22	4.45	---	5.00	4.49	3.61	3.70	3.68	3.63	3.69	3.87	3.70	---	1962
1963	4.29	4.29	4.21	4.97	4.14	3.60	3.50	3.63	3.69	3.63	4.09	4.06	4.01	1963
1964	4.53	4.44	4.46	4.39	4.15	---	---	---	3.21	3.24	3.22	3.59	---	1964
1965	3.76	4.04	3.70	3.93	4.13	3.64	3.51	3.74	3.82	4.57	4.55	4.56	4.00	1965
1966	4.97	4.69	5.00	4.95	4.49	4.06	3.68	3.80	3.69	3.68	3.95	4.60	4.29	1966
1967	4.57	4.92	4.51	---	---	4.51	4.24	3.86	3.78	4.40	5.00	4.80	---	1967
1968	---	---	---	---	4.36	3.98	4.04	3.89	4.01	3.92	4.10	4.33	---	1968
1969	4.73	4.89	4.56	---	---	4.87	4.49	4.41	4.27	4.04	4.47	4.39	---	1969
1970	4.52	4.45	4.29	---	---	4.48	4.32	4.15	3.94	4.12	4.21	4.47	---	1970
1971	4.45	4.66	4.63	---	5.77	4.28	3.82	3.85	3.99	3.85	3.75	---	---	1971
1972	---	---	---	---	---	---	---	4.84	4.52	4.59	4.89	4.86	---	1972
1973	5.07	5.19	---	---	---	---	4.92	4.62	4.44	4.48	4.32	4.62	---	1973
1974	4.67	4.63	5.20	5.94	---	---	---	---	---	---	4.47	4.62	---	1974
1975	4.47	4.51	4.88	5.47	---	---	---	---	---	---	---	---	---	1975
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1984	---	---	---	---	5.23R	---	---	4.45R	4.28R	3.97R	4.10R	---	---	1984
MOYEN	4.52R	4.60R	4.54R	4.95R	4.60R	4.14R	4.02R	4.08R	3.94R	4.00R	4.18R	4.35R	4.10R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 13 17
LONG 072 55 31

REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 01 1988

SAINTE-PIERRE (LAC) A LOUISEVILLE - STATION NO. 02OC003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	5.93 LE 06 AVR *	3.30 LE 31 JUL	1963
1964	---	---	---	1964
1965	---	5.05 LE 25 OCT	2.91 LE 29 MAR *	1965
1966	---	5.55 LE 26 MAR	3.45 LE 26 SEP	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1981	7.18 LE 26 FEV A 07:59 HNE *	---	---	1981
1984	---	---	---	1984

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAKAMI (RIVIERE) A LA SORTIE DU LAC SAKAMI - STATION NO. 03DE005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	29.83R	30.21R	---	---	1982
1983	---	---	29.77R	29.71R	30.35R	30.91R	30.95R	30.66R	31.05R	31.00R	30.55R	---	---	1983
1984	---	---	---	29.45R	---	30.50R	30.58R	30.32R	29.74R	30.37R	30.60R	---	---	1984
MOYEN	---	---	29.77R	29.58R	30.35R	30.70R	30.77R	30.49R	30.40R	30.40R	30.45R	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 154.92 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 53 28 05 BASSIN VERSANT, 9 890 km²
LONG 076 40 47 DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

SAKAMI (RIVIERE) A LA SORTIE DU LAC SAKAMI - STATION NO. 03DE005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 154.92 m POUR OBTENIR LES COTES GEODESIQUES

SAVANE (LAC DE LA) - STATION NO. 02LC064

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	28.73	---	---	---	---	1977
1979	---	---	---	---	---	28.82	---	28.75	28.88	28.23	28.07	---	---	1979
1980	---	---	---	---	---	27.65	27.78	28.16	28.43	28.47	28.41	---	---	1980
1981	---	---	---	---	---	---	---	---	---	28.38	28.42	---	---	1981
1982	---	28.34	28.34	28.46	28.48	28.38	28.35	28.33	28.37	28.35	28.39	28.44	---	1982
1983	28.43	28.38	28.37	28.44	28.55	28.40	28.35	28.31	---	28.35	28.39	28.38	---	1983
1984	28.35	28.38	28.37	28.51	28.47	28.40	28.47	28.38	28.35	28.34R	28.37R	---	---	1984
1985	---	---	---	28.47	28.50	28.39	28.38	---	---	---	---	---	---	1985
MOYEN	28.39	28.37	28.36	28.47	28.50	28.34	28.27	28.39	28.55	28.35	28.34	28.41	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 28 39 BASSIN VERSANT, 40.7 km²
LONG 074 28 23 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

SAVANE (LAC DE LA) - STATION NO. 02LC064

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985

PLAN DE REFERENCE - ARBITRAIRE

SCRYER (LAC) - STATION NO. 02LD011

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	---	---	---	25.87	---	1977
1978	---	---	25.67	26.11	---	---	---	---	25.53	25.53	25.57	25.60	---	1978
1979	---	---	25.82	26.23	25.81	---	---	25.69	25.72	25.77	---	---	---	1979
MOYEN	---	---	25.75	26.17	25.81	---	---	25.69	25.63	25.65	25.57	25.74	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 50 30 BASSIN VERSANT, 73 km²
LONG 075 12 47 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SCRYER (LAC) - STATION NO. 02LD011

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979

PLAN DE REFERENCE - ARBITRAIRE

SEIZE ILES (LAC DES) - STATION NO. 02LC035

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNE
1967	---	---	---	---	---	3.27	3.26	3.25	3.24	3.22	3.25	3.14	---	196
1968	3.10	3.10	3.13	3.32	3.27	3.29	3.27	3.25	3.24	3.25	3.26	3.11	3.21	196
1969	3.05	3.07	3.04	3.33	3.30	3.22	3.22	3.25	3.24	3.24	3.24	3.13	3.20	196
1970	3.07	3.09	3.07	3.28	3.30	3.21	---	3.20	3.20	---	3.25	3.12	---	197
1971	3.06	3.06	3.07	3.32	3.31	3.25	3.24	3.25	3.27	3.27	3.25	3.13	3.20	197
1972	3.08	3.08	3.08	3.22	3.36	---	---	---	---	---	---	---	---	197
MOYEN	3.07	3.08	3.08	3.27	3.31	3.25	3.25	3.23	3.23	3.25	3.25	3.13	3.20	MOYE

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 52 40
LONG 074 28 44

BASSIN VERSANT, 40.7 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SEIZE ILES (LAC DES) - STATION NO. 02LC035

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNE
1967	---	---	---	196
1968	---	3.48 LE 02 AVR	3.05 LE 06 MAR	196
1969	---	3.58 LE 19 AVR *	3.02 LE 17 JAN *	196
1970	---	---	---	197
1971	---	3.48 LE 06 MAI	3.03 LE 04 FEV	197
1972	---	---	---	197

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SHIPSHAW (RIVIERE) AU RESERVOIR ONATCHIWAY - STATION NO. 02RH004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNE
1965	36.22	34.15	32.16	30.62	32.16	34.40	35.06	36.10	36.42	36.80	36.69	36.71	34.80	196
1966	35.68	33.29	31.42	28.73	30.15	35.16	35.26	35.29	35.74	37.07	37.15	37.11	34.35	196
1967	36.22	33.95	31.30	30.25	32.69	36.52	36.21	35.29	34.03	34.45	35.27	34.76	34.25	196
1968	33.86	31.92	29.78	28.79	33.93	33.61	33.44	33.75	34.78	34.11	34.01	32.72	32.90	196
1969	31.07	29.59	27.79	26.65	31.47	36.29	36.62	36.23	35.90	35.48	36.60	36.78	33.40	196
1970	35.62	33.42	30.80	26.81	32.29	35.67	36.56	37.17	37.04	36.61	36.48	37.17	34.65	197
1971	36.83	35.03	32.57	30.56	33.44	36.53	36.20	36.26	37.24	37.31	37.28	37.34	35.56	197
1972	36.51	---	30.38	---	29.56	35.13	35.37	35.50	35.28	---	36.86	---	---	197
1973	36.41	34.15	31.15	28.58	35.95	37.40	37.29	37.27	37.12	36.97	37.02	37.24	35.56	197
1974	36.34	34.20	---	---	---	---	36.85	---	---	37.14	37.34	37.39	---	197
1975	36.62	34.12	30.59	26.89	29.71	33.22	34.43	35.85	35.64	35.89	36.25	37.00	33.86	197
1976	36.48	34.64	30.96	31.70	36.28	37.03	36.18	35.67	36.14	---	35.83	35.38	---	197
1977	34.26	32.42	29.70	27.87	34.85	36.71	35.91	35.97	36.20	35.53	35.92	36.49	34.34	197
1978	35.96	33.16	28.84	26.22	30.91	34.75	36.28	35.80	34.85	35.32	36.14	37.00	33.78	197
1979	36.12	33.62	30.79	29.78	35.73	36.87	36.47	36.01	35.34	36.27	36.97	37.40	35.13	197
1980	36.51	33.71	30.38	28.13	33.73	34.70	36.17	37.03	36.99	---	---	---	---	198
MOYEN	35.67	33.42	30.57	28.68	32.86	35.60	35.89	35.95	35.91	36.07	36.37	36.46	34.38	MOYE

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 274.32 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 53 25
LONG 071 02 20

BASSIN VERSANT, 1 740 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE PRICE LIMITEE

SHIPSHAW (RIVIERE) AU RESERVOIR ONATCHIWAY - STATION NO. 02RH004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNE
1965	---	37.02 LE 27 SEP	29.92 LE 02 MAI	196
1966	---	37.27 LE 11 NOV	27.19 LE 24 AVR	196
1967	---	37.19 LE 18 JUN	29.95 LE 30 AVR	196
1968	---	35.05 LE 13 SEP	27.05 LE 16 AVR	196
1969	---	37.27 LE 25 NOV	25.91 LE 14 AVR	196
1970	---	37.41 LE 24 JUL	25.38 LE 21 AVR *	197
1971	---	37.43 LE 12 DEC	29.91 LE 29 AVR	197
1972	---	---	---	197
1973	---	37.46 LE 10 JUN	27.34 LE 16 AVR	197
1974	---	---	---	197
1975	---	37.44 LE 01 JAN	26.41 LE 17 AVR	197
1976	---	---	---	197
1977	---	37.05 LE 15 JUN	27.01 LE 19 AVR	197
1978	---	37.09 LE 29 DEC	25.62 LE 01 AVR	197
1979	---	37.47 LE 05 DEC *	29.11 LE 19 AVR	197
1980	---	---	---	198

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 274.32 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SHIPSHAW (RIVIERE) AU RESERVOIR PIPMUACAN - STATION NO. 02RH005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	92.14	---	89.95	---	---	---	---	92.12	---	93.68	---	---	1967
MOYEN	---	92.14	---	89.95	---	---	---	---	92.12	---	93.68	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 49 19 48 LONG 070 58 42 — BASSIN VERSANT, 277 km² REGULARISE — DONNEES FOURNIES PAR - LA COMPAGNIE PRICE LIMITEE

SHIPSHAW (RIVIERE) AU RESERVOIR PIPMUACAN - STATION NO. 02RH005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	---	1967

PLAN DE REFERENCE - ARBITRAIRE

SIMARD (LAC) A LAFORCE - STATION NO. 02JB012

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1987	---	---	---	---	261.737	262.716	262.920	262.833	262.656	262.773	262.726	262.476	---	1987
1988	2.921	2.257	1.815	2.697	4.073	4.148	4.012	4.214	4.208	4.356	4.295	4.161	3.608	1988
1989	3.560	2.599	1.946	1.928	3.551	4.287	4.218	4.039	3.684	3.537	3.980	3.028	3.437	1989
1990	3.130	2.474	1.904	1.974	3.859	4.243	4.313	4.220	4.068	4.256	4.324	4.284	3.596	1990
MOYEN	3.206	2.443	1.888	2.200	68.305	68.849	68.866	68.826	68.674	68.731	68.831	68.687	3.547	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 259.080 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 47 31 40 LONG 070 43 54 — BASSIN VERSANT, 23 400 km² REGULARISE

REMAQUES - CEDEE A WRB-ONT DU DPW-QUE AVR 1987

SIMARD (LAC) A LAFORCE - STATION NO. 02JB012

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1987	---	---	---	1987
1988	4.446 LE 20 OCT A 22:30 HNE *	4.415 LE 23 OCT	1.620E LE 01 AVR *	1988
1989	---	4.563 LE 12 JUN *	1.774 LE 15 AVR	1989
1990	---	4.516A LE 04 DEC	1.740E LE 19 AVR	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 259.08 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

A - JAUGE MANUELLE (VOIR INDEX DE REFERENCE) — E - ESTIMATIVE — * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SIMON (LAC) - STATION NO. 02LD007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1974	---	---	---	---	---	---	---	198.08	197.96	197.93	198.19	---	---	1974
1975	---	---	---	---	---	198.45	198.16	197.94	197.80	---	---	---	---	1975
1976	---	---	---	---	---	198.48	198.37	198.32	198.17	198.04	---	---	---	1976
1977	---	---	---	---	---	198.36	198.27	198.16	198.11	198.32	---	---	---	1977
1978	---	---	---	---	---	---	---	---	---	197.92	---	---	---	1978
1979	---	---	---	198.96	198.80	198.41	198.49	198.31	198.22	198.08	198.13	198.33	---	1979
1980	198.11	197.88	197.84	198.63	198.50	198.23	198.25	198.32	198.15	198.31	198.45	198.09	198.23	1980
1981	---	198.01	198.66	198.93	198.67	198.66	198.37	198.23	198.34	198.11	198.26	198.07	---	1981
1982	---	---	---	---	---	198.31	198.34	198.17	198.14	198.14	198.00	---	---	1982
1983	---	198.11	198.08	198.54	198.12	198.63	---	---	197.98	197.97	198.15	198.12	---	1983
1984	198.07	198.04	198.13	198.84	198.65	---	---	---	---	197.66R	197.76R	198.15R	---	1984
1985	---	---	---	198.33	198.63	198.09	198.06	197.98	197.88	197.86R	197.89R	197.78R	---	1985
1986	197.64	197.61	---	198.56	---	198.32	198.02	198.04	198.08	197.98R	197.82R	197.73R	---	1986
1987	197.68	197.60	197.60	198.52	197.99	198.09	197.94	197.72	197.64	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	198.17	---	---	---	1988
1989	---	198.01	---	198.61	---	---	---	---	---	---	198.36	198.35	---	1989
1990	198.12	198.13	198.20	198.77	198.74	198.35	198.35	198.09	197.90	---	---	---	---	1990
MOYEN	197.92	197.92	198.09	198.67	198.64	198.37	198.24	198.11	198.03	198.04	198.11	198.08	198.23	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 54 21 LONG 075 05 33 — BASSIN VERSANT, 1 160 km² DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

SIMON (LAC) - STATION NO. 02LD007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNE
1974	---	---	---	197
1975	---	---	---	197
1976	---	---	---	197
1977	---	---	---	197
1978	---	---	---	197
1979	---	---	---	197
1980	---	198.92 LE 19 AVR *	197.78 LE 05 MAR *	198
1981	---	---	---	198
1982	---	---	---	198
1983	---	---	---	198
1984	---	---	---	198
1985	---	---	---	198
1986	---	---	---	198
1987	---	---	---	198
1988	---	---	---	198
1989	---	---	---	198
1990	---	---	---	199

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SINCENNES (LAC) AU RESERVOIR SINCENNES - STATION NO. 02NB004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNE
1962	---	---	---	---	---	---	---	---	---	---	---	0.58	---	196
1964	0.42	0.38	0.33	0.40	0.66	0.80	0.90	1.00	1.09	1.13	0.98	0.53	0.72	196
1965	0.37	0.27	0.20	0.23	0.53	0.73	0.76	0.84	0.89	1.04	1.09	0.64	0.63	196
1966	0.41	0.28	0.24	0.27	0.50	0.43	0.28	0.38	0.32	0.31	0.44	0.55	0.37	196
1967	0.31	0.23	0.19	0.19	0.48	0.76	0.96	0.99	0.92	1.17	1.43	1.15	0.73	196
1968	0.55	0.39	0.31	0.51	0.54	0.17	0.10	0.11	0.13	---	---	---	---	196
MOYEN	0.41	0.31	0.25	0.32	0.54	0.58	0.60	0.66	0.67	0.91	0.99	0.69	0.61	MOYE

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 32 13
LONG 073 53 17

BASSIN VERSANT, 51.8 km²
REGULARISE

DONNEES FOURNIES PAR -
HYDRO-QUEBEC

SINCENNES (LAC) AU RESERVOIR SINCENNES - STATION NO. 02NB004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNE
1962	---	---	---	196
1964	---	1.14 LE 13 SEP	0.32 LE 25 MAR	196
1965	---	1.17 LE 10 NOV	0.19 LE 15 MAR	196
1966	---	0.61 LE 25 MAI	0.20 LE 07 AVR	196
1967	---	1.47 LE 30 NOV *	0.16 LE 05 AVR *	196
1968	---	---	---	196

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SOURIS (LAC DES) - STATION NO. 02NG014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNE
1966	---	---	---	---	---	---	---	---	28.99	28.99	29.18	29.21	---	196
1967	29.13	29.10	29.02	29.10	29.31	29.21	29.21	29.06	28.97	29.13	29.18	29.17	29.13	196
1968	---	---	29.14	29.25	29.19	29.11	28.96	28.88	28.89	28.91	28.97	---	---	196
196	---	29.20	29.13	29.27	29.32	29.28	29.11	29.14	29.08	28.98	29.25	---	---	196
1970	29.18	29.19	---	29.18	29.32	29.25	29.08	28.91	28.94	---	29.13	29.18	---	197
1971	29.11	29.13	29.13	29.13	29.35	29.18	---	---	---	---	---	---	---	197
MOYEN	29.14	29.16	29.10	29.21	29.30	29.21	29.09	29.00	28.97	29.00	29.14	29.19	29.13	MOYE

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 35 05
LONG 072 59 02

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SOURIS (LAC DES) - STATION NO. 02NG014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNE
1966	---	---	---	196
1967	---	29.42 LE 04 MAI *	28.92 LE 20 SEP *	196
1968	---	---	---	196
1969	---	---	---	196
1970	---	---	---	197
1971	---	---	---	197

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

STUKELY (LAC) - STATION NO. 020F023

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1990	---	---	---	---	---	---	284.53	284.51	284.44	---	---	---	---	1990
MOYEN	---	---	---	---	---	---	284.53	284.51	284.44	---	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 23 40
LONG 072 13 50

BASSIN VERSANT, 19.3 km²
DEBIT NATUREL

STUKELY (LAC) - STATION NO. 020F023

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

SWAMPY BAY (RIVIERE) - STATION NO. 03LD004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	29.40	---	---	---	1982
1983	---	---	28.86	28.81	29.90	29.84	29.61	29.30	29.29	29.70	29.46	---	---	1983
1984	---	---	---	28.81	29.38	30.03	29.54	29.38	29.28	29.53R	29.33R	29.16R	---	1984
1985	28.93	---	---	28.86	28.82	30.05	29.42	29.07	29.00	29.05R	29.13R	---	---	1985
1986	---	28.95	28.90	28.80	29.22	30.10	29.67	29.39	29.30	29.29R	29.10R	28.98R	---	1986
1987	28.89	28.87	28.81	28.74	29.51	29.96	29.48	29.53	29.44	29.35R	29.18R	29.13R	29.24R	1987
1988	29.00	28.93	28.89	28.78	29.28	---	---	29.28	29.36	29.80	29.35	29.14	---	1988
1989	28.95	28.87	28.78	28.70	28.96	29.84	29.29	29.02	28.91	29.25	29.34	29.17	29.09	1989
1990	29.05	29.01	28.93	28.80	28.89	30.06	29.58	29.38	29.21	---	---	---	---	1990
MOYEN	28.96	28.93	28.86	28.79	29.25	29.98	29.54	29.29	29.22	29.42	29.27	29.12	29.17	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 56 38 34
LONG 068 33 50

BASSIN VERSANT, 8 990 km²
DEBIT NATUREL

R - REVISEE DEPUIS JAN 01 1988

SWAMPY BAY (RIVIERE) - STATION NO. 03LD004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	30.15 LE 08 JUN	28.73 LE 10 AVR	1987
1988	---	---	---	1988
1989	---	30.40 LE 01 JUN *	28.08 LE 31 MAR *	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

TASCHEREAU (LAC) - STATION NO. 04MA007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1970	---	---	---	---	---	---	30.47	30.37	30.45	30.48	30.45	---	---	1970
1971	---	---	---	---	30.78	30.42	30.43	30.44	---	30.52	30.57	---	---	1971
1972	---	---	---	---	30.83	30.61	30.52	30.47	30.58	30.64	---	---	---	1972
1973	---	---	---	---	---	---	30.51	30.50	30.64	---	---	---	---	1973
MOYEN	---	---	---	---	30.81	30.52	30.48	30.44	30.56	30.55	30.51	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 39 49
LONG 078 41 00

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

TASCHEREAU (LAC) - STATION NO. 04MA007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973

PLAN DE REFERENCE - ARBITRAIRE

TEMISCAMINGUE (LAC) A TEMISCAMING - STATION NO. 02JE025

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1987	---	---	175.679	176.476	177.730	178.687	179.240	178.871	178.621	178.698	178.968	178.963	---	1987
1988	4.824	3.078	1.870	3.799	5.358	5.651	5.388	5.340	5.463	5.561	5.481	5.428	4.776	1988
1989	5.041	3.172	2.029	2.488	4.567	5.554	5.599	5.258	4.931	4.869	5.396	5.363	4.533	1989
1990	4.448	2.724	2.218	2.527	5.118	5.695	5.657	5.619	5.379	5.671	5.568	5.563	4.697	1990
MOYEN	4.771	2.991	45.449	46.322	48.193	48.897	48.971	48.772	48.598	48.700	48.853	48.829	4.669	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 173.700 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 46 42 58
LONG 079 06 16

REMAQUES - CEDEE A WRB-ONT DU DPW-QUE AVR 1987

TEMISCAMINGUE (LAC) A TEMISCAMING - STATION NO. 02JE025

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1987	179.351 LE 09 JUL A 15:05 HNE *	179.339 LE 09 JUL *	175.361 LE 23 MAR	1987
1988	5.808 LE 16 JUN A 01:19 HNE	5.757 LE 16 JUN	1.710 LE 23 MAR *	1988
1989	5.790 LE 28 NOV A 11:02 HNE	5.754 LE 28 NOV	1.899 LE 27 MAR	1989
1990	5.938 LE 27 JUN A 07:37 HNE	5.928 LE 27 JUN	1.926 LE 12 MAR	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 173.70 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

TEMISCAMINGUE (LAC) A VILLE-MARIE - STATION NO. 02JE026

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1987	---	---	---	176.513	177.668	178.672	179.231	178.858	178.602	178.667	178.941	178.960	---	1987
1988	4.956	3.290	2.004	3.973	5.517	5.734	5.480	5.419	5.566	5.707	5.681	5.573	4.914	1988
1989	5.208	3.459	2.207	2.711	4.743	5.750	5.678	5.326	4.995	4.913	5.441	5.460	4.667	1989
1990	4.563	2.905	2.397	2.707	5.212	5.763	5.749	5.674	5.413	5.780	5.660	5.706	4.809	1990
MOYEN	4.909	3.218	2.203	46.476	48.285	48.980	49.034	48.819	48.644	48.767	48.931	48.925	4.797	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 173.600 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 47 19 45
LONG 079 26 40

REMAQUES - CEDEE A WRB-ONT DU DOW-QUE AVR 1987

TEMISCAMINGUE (LAC) A VILLE-MARIE - STATION NO. 02JE026

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1987	179.339 LE 09 JUL A 18:24 HNE *	179.333 LE 09 JUL *	---	1987
1988	---	5.860E LE 22 OCT	1.855E LE 23 MAR *	1988
1989	---	6.000E LE 11 JUN	2.060E LE 26 MAR	1989
1990	---	5.990E LE 27 JUN	2.070E LE 12 MAR	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 173.60 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

E - ESTIMATIVE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

TOULNUSTOUC (RIVIERE) AU RESERVOIR STE-ANNE - STATION NO. 02TC002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	298.94	296.64	294.83	294.42	291.96	298.47	302.02	302.26	302.25	302.34	301.88	300.07	298.85	1965
1966	296.98	293.09	288.02	283.65	286.50	298.25	301.40	301.90	301.34	301.70	302.05	300.11	296.28	1966
1967	295.12	288.63	277.02	271.48	277.93	291.01	295.63	297.80	297.54	300.89	301.57	300.11	291.28	1967
1968	297.22	293.53	287.98	280.05	287.77	294.79	297.23	298.64	299.21	299.51	300.37	299.26	294.65	1968
1969	297.13	292.35	283.76	272.38	280.52	294.68	299.12	297.83	298.97	298.21	295.89	296.31	291.88	1969
1970	292.18	289.66	285.25	277.75	284.12	292.68	294.13	293.48	292.23	294.07	293.84	292.82	290.20	1970
1971	289.14	284.12	278.68	277.04	284.97	295.11	296.42	295.56	296.04	298.00	298.43	293.96	290.66	1971
1972	290.70	286.54	281.14	271.39	275.79	289.91	298.81	298.94	298.56	299.21	299.12	298.17	290.71	1972
1973	295.91	292.19	287.23	281.41	286.96	296.44	301.00	301.27	300.95	300.62	300.95	299.88	295.60	1973
1974	295.50	290.83	286.47	280.23	279.04	295.79	300.74	300.89	300.91	300.84	300.11	299.52	294.27	1974
1975	299.32	297.76	294.44	291.38	293.46	301.21	301.80	300.76	299.97	300.65	298.77	292.36	297.65	1975
1976	289.65	286.02	282.34	280.27	288.53	299.78	299.31	300.90	301.24	300.96	300.35	297.74	293.95	1976
1977	293.62	287.95	281.93	273.99	284.63	297.55	299.71	300.15	300.89	301.59	301.66	300.60	293.74	1977
1978	296.60	290.98	283.42	279.19	285.74	297.01	300.76	301.15	300.88	301.37	300.93	297.68	294.67	1978
1979	292.90	287.27	280.15	274.84	291.53	299.88	301.24	301.41	300.35	300.93	300.29	---	---	1979
1980	291.90	286.43	---	282.77	289.63	296.51	298.95	300.20	300.54	301.52	300.93	298.91	---	1980
1981	294.81	290.57	287.85	285.65	290.90	301.00	301.44	301.34	299.35	---	---	---	---	1981
1982	---	287.94	---	277.00	283.85	295.87	299.53	299.96	300.04	---	---	---	---	1982
1983	---	---	---	---	---	299.00	300.44	---	---	299.38	295.98	293.40	---	1983
1984	288.99	283.30	277.47	276.36	281.23	291.61	291.59	290.37	290.35	290.55	291.68	292.85	287.21	1984
1985	293.67	294.02	292.38	287.57	282.92	289.90	292.76	295.93	296.67	296.67	295.91	293.93	292.69	1985
1986	290.67	286.27	279.88	277.01	287.94	293.28	295.92	297.70	299.80	301.52	300.76R	298.90R	292.52R	1986
1987	295.99	292.40	286.41	285.06	289.60	292.98	294.23	297.32	298.98	299.71	299.69	298.47	294.25	1987
1988	---	---	---	---	---	---	---	296.21	295.28	295.51	296.19	295.18	---	1988
1989	292.87	290.09	---	---	---	---	---	---	---	294.21	293.86	292.02	---	1989
1990	289.47	287.33	284.78	280.02	284.20	291.82	291.56	290.37	288.26	---	---	---	---	1990
MOYEN	293.88	289.84	284.83	280.04	285.64	295.69	298.16	298.43	298.23	299.04	298.75	296.93	293.39	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 50 07 40
LONG 067 56 00

BASSIN VERSANT, 7 930 km²
REGULARISE

DONNEES FOURNIES PAR -
QUEBEC NORTH SHORE PAPER COMPANY

R - REVISEE DEPUIS JAN 01 1988

TOULNUSTOUC (RIVIERE) AU RESERVOIR STE-ANNE - STATION NO. 02TC002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	302.39 LE 03 SEP	290.63 LE 12 MAI	1965
1966	---	302.45 LE 05 NOV *	282.64 LE 13 AVR	1966
1967	---	301.93 LE 12 NOV	271.42 LE 12 AVR	1967
1968	---	300.75 LE 16 NOV	277.79 LE 14 AVR	1968
1969	---	299.34 LE 21 JUL	271.67 LE 25 AVR	1969
1970	---	294.62 LE 23 OCT	275.54 LE 21 AVR	1970
1971	---	299.50 LE 07 NOV	274.32 LE 30 MAR	1971
1972	---	299.80 LE 23 OCT	271.27 LE 03 AVR *	1972
1973	---	301.48 LE 17 AOU	279.25 LE 27 AVR	1973
1974	---	301.29 LE 29 AOU	276.04 LE 14 MAI	1974
1975	---	302.08 LE 20 JUN	290.50 LE 28 AVR	1975
1976	---	301.93 LE 14 SEP	279.44 LE 14 AVR	1976
1977	---	301.80 LE 29 NOV	272.82 LE 14 AVR	1977
1978	---	301.95 LE 01 NOV	278.59 LE 01 AVR	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	293.04 LE 18 DEC	275.86 LE 02 MAI	1984
1985	---	297.21 LE 11 OCT	276.29 LE 13 MAI	1985
1986	---	301.76 LE 19 OCT	275.88 LE 01 AVR	1986
1987	---	300.10 LE 28 OCT	282.70 LE 02 AVR	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

TRENTE ET UN MILLES (LAC DES) A PONT-COMFORT - STATION NO. 02LH019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	162.27	162.14	162.14	162.06	162.01	162.06	162.22	---	1966
1967	162.14	162.07	162.02	162.15	162.36	162.29	162.44	162.19	162.13	162.21	162.50	162.43	162.25	1967
1968	162.28	162.19	162.07	162.35	162.28	162.11	162.00	161.95	161.96	161.97	161.97	162.02	162.10	1968
1969	162.10	162.18	162.23	162.43	162.64	162.57	162.31	162.23	162.13	162.07	162.13	162.16	162.27	1969
1970	162.18	162.19	162.16	162.14	162.43	162.45	162.27	162.13	161.92	161.87	161.92	162.00	162.14	1970
1971	162.05	162.11	162.10	162.17	162.46	162.30	162.14	162.01	161.98	161.96	161.92	161.97	162.10	1971
1972	162.06	162.10	162.13	162.27	162.65	162.57	162.57	162.32	162.12	161.98	162.00	162.00	162.23	1972
1973	161.99	162.02	162.11	162.40	162.38	162.36	162.26	162.10	161.95	161.78	161.69	161.71	162.06	1973
1974	161.74	161.78	161.81	162.09	162.61	162.55	162.33	161.99	161.79	161.72	161.78	161.86	162.01	1974
1975	161.84	161.81	161.77	161.90	162.27	162.18	161.89	161.66	161.54	161.49	161.48	161.52	161.78	1975
1976	161.57	161.62	161.73	162.34	162.46	162.35	162.10	161.86	161.69	161.61	161.57	161.56	161.87	1976
1977	161.57	161.55	161.67	162.09	162.10	161.90	161.75	161.62	161.54	161.55	161.57	161.72	161.72	1977
1978	161.79	161.93	162.11	162.35	162.52	162.23	162.14	162.17	162.18	162.18	162.18	162.24	162.17	1978
1979	162.31	162.33	162.29	162.60	162.59	162.42	162.28	162.23	162.24	162.21	162.12	162.13	162.31	1979
1980	162.08	161.95	161.93	162.31	162.34	162.30	162.20	162.19	162.15	162.23	162.22	162.06	162.16	1980
1981	161.93	161.91	162.23	162.42	162.39	162.36	162.30	162.30	162.26	162.02	161.94	161.97	162.17	1981
1982	161.97	161.97	161.89	162.00	162.26	---	---	---	---	---	---	---	---	1982
MOYEN	161.98	161.98	162.02	162.24	162.42	162.33	162.20	162.07	161.98	161.93	161.94	161.97	162.09	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 05 13
LONG 075 50 56

BASSIN VERSANT, 337 km²
REGULARISE

TRENTE ET UN MILLES (LAC DES) A PONT-COMFORT - STATION NO. 02LH019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	162.53 LE 14 NOV	162.01 LE 04 MAR	1967
1968	---	162.42 LE 14 AVR	161.90 LE 31 AOU	1968
1969	---	162.71 LE 25 MAI	162.05 LE 11 OCT	1969
1970	---	162.52 LE 07 JUN	161.85 LE 29 SEP	1970
1971	---	162.49 LE 06 MAI	161.91 LE 15 NOV	1971
1972	---	162.73 LE 12 MAI *	161.93 LE 21 OCT	1972
1973	---	162.42 LE 09 AVR	161.68 LE 09 NOV	1973
1974	---	162.71 LE 15 MAI	161.70 LE 25 OCT	1974
1975	---	162.30 LE 11 MAI	161.46 LE 06 NOV *	1975
1976	---	162.53 LE 23 MAI	161.55 LE 01 JAN	1976
1977	---	162.20 LE 24 AVR	161.51 LE 24 SEP	1977
1978	---	162.62 LE 02 MAI	161.74 LE 01 JAN	1978
1979	---	162.66 LE 29 AVR	162.07 LE 22 NOV	1979
1980	---	162.43 LE 17 AVR	161.85 LE 08 MAR	1980
1981	---	162.47 LE 10 AVR	161.84 LE 11 FEV	1981
1982	---	---	---	1982

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

TRENTE ET UN MILLES (LAC DES) AU BARRAGE - STATION NO. 02LH029

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	---	162.34	---	---	---	162.45	162.30	162.31	162.18	162.12	162.09	162.19	---	1983
1984	162.21	162.15	162.07	162.17	162.25	162.27	162.23	162.20	162.12	161.89R	161.94R	162.10R	162.13R	1984
1985	---	---	---	---	---	162.23	162.18	162.15	162.08	162.04R	162.00R	162.04R	---	1985
1986	162.08	162.08	161.99	162.15	162.28	162.25	162.22	162.21	162.12	161.96R	161.92R	162.05R	162.11R	1986
1987	162.10	162.05	161.97	162.16	162.13	162.18	162.10	162.01	161.97	161.98R	162.03R	162.15R	162.07R	1987
1988	162.17	162.04	161.68	161.86	162.18	162.09	162.14	162.14	161.99	161.96	162.21	162.13	162.05	1988
1989	162.11	162.03	161.71	161.67	161.98	162.17	162.06	161.94	---	162.00	162.15	162.10	---	1989
1990	162.09	162.02	161.79	161.76	161.94	162.09	162.13	162.13	162.06	---	---	---	---	1990
MOYEN	162.13	162.10	161.87	161.96	162.13	162.22	162.17	162.14	162.07	161.99	162.05	162.11	162.09	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 46 16 34
LONG 075 48 14

BASSIN VERSANT, 337 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 01 1988

TRENTE ET UN MILLES (LAC DES) AU BARRAGE - STATION NO. 02LH029

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	---	---	1983
1984	---	162.32 LE 18 JUN	161.85 LE 21 OCT	1984
1985	---	---	---	1985
1986	---	162.36 LE 24 MAI *	161.90 LE 04 NOV	1986
1987	---	162.21 LE 07 AVR	161.91 LE 23 MAR	1987
1988	---	162.27 LE 11 NOV	161.55 LE 30 MAR *	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

TROIS LACS (LES) - STATION NO. 020D008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	---	---	---	---	29.23	29.08	28.88	---	1965
1966	28.88	28.85	29.17	29.56	28.93	28.79	28.72	28.90	28.93	29.00	29.02	29.25	29.00	1966
1967	29.12	28.96	28.81	29.76	29.02	29.05	28.81	29.06	28.73	29.05	28.93	29.24	29.05	1967
1968	28.93	28.96	29.34	---	28.77	28.63	28.72	28.68	28.60	28.72	---	---	---	1968
1969	28.77	28.75	28.81	29.87	29.19	28.94	28.85	28.85	28.98	28.80	29.14	28.94	28.99	1969
1970	28.69	28.86	28.74	29.75	29.08	28.61	28.73	28.66	29.02	28.90	28.88	28.80	28.89	1970
1971	28.76	28.79	28.95	30.30	29.47	28.70	28.67	29.24	29.08	28.90	28.77	28.96	29.05	1971
1972	28.86	28.75	28.98	29.76	29.46	29.07	29.14	29.29	28.70	29.07	29.02	28.88	29.08	1972
1973	28.96	28.95	29.62	29.34	29.22	28.87	28.79	28.80	29.16	28.84	28.92	29.27	29.06	1973
1974	28.88	28.73	29.10	29.85	29.51	28.97	29.00	28.75	28.60	28.68	29.11	28.82	29.00	1974
1975	28.68	28.63	29.01	29.37	28.86	28.75	28.60	28.55	28.72	28.89	28.97	28.81	28.82	1975
1976	28.74	28.99	29.52	29.65	29.25	28.69	29.01	29.16	28.93	28.99	29.01	28.81	29.06	1976
1977	28.63	28.57	29.30	29.37	28.62	28.74	28.55	28.63	28.74	29.19	28.96	28.85	28.85	1977
1978	28.97	28.78	28.74	29.87	28.89	28.69	28.54	28.57	28.58	28.85	28.82	28.70	28.83	1978
1979	29.00	28.80	29.56	29.47	28.74	---	---	---	---	28.73	28.99	---	---	1979
1980	---	---	---	29.19	28.83	28.55	28.66	---	---	29.05	29.01	28.96	---	1980
1981	28.65	29.42	28.84	29.23	28.84	28.99	28.79	29.06	28.73	29.05	28.92	28.78	28.94	1981
1982	28.79	28.78	---	---	---	---	---	---	---	---	---	---	---	1982
MOYEN	28.83	28.85	29.10	29.62	29.04	28.80	28.77	28.87	28.82	28.94	28.97	28.93	28.97	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 48 20
LONG 071 54 34

BASSIN VERSANT, 513 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

TROIS LACS (LES) - STATION NO. 020D008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	
1966	---	30.18 LE 30 MAR	28.49 LE 08 JUL	1965
1967	---	31.14 LE 04 AVR	28.55 LE 22 SEP	1966
1968	---	---	---	1967
1969	---	31.29 LE 17 AVR	28.54 LE 12 JUL	1968
1970	---	31.35 LE 18 AVR	28.52 LE 04 FEV	1969
1971	---	32.03 LE 21 AVR *	28.52 LE 19 MAI	1970
1972	---	31.29 LE 08 AOU	28.46 LE 17 SEP	1971
1973	---	31.14 LE 18 MAR	28.54 LE 13 JUL	1972
1974	---	30.98 LE 30 AVR	28.47 LE 18 AOU	1973
1975	---	31.49 LE 20 AVR	28.46 LE 02 JUL	1974
1976	---	31.65 LE 02 AVR	28.56 LE 11 JUN	1975
1977	---	30.99 LE 16 MAR	28.43 LE 29 JUL *	1976
1978	---	31.20 LE 21 AVR	28.44 LE 27 AOU	1977
1979	---	---	---	1978
1980	---	---	---	1979
1981	---	---	---	1980
1982	---	30.88 LE 29 OCT	28.48 LE 09 SEP	1981
		---	---	1982

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

TROIS SAUMONS (LAC) - STATION NO. 02PG020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	28.60	---	---	---	1982
1983	---	---	---	---	---	29.46	29.45	29.40	29.39	28.63	---	---	---	1983
1984	---	---	---	---	---	29.46	29.46	29.44	29.40	28.58R	---	---	---	1984
1985	---	---	---	---	---	29.43	29.46	29.43	29.37	29.10R	---	---	---	1985
1986	---	---	---	---	29.23	29.46	29.47	29.45	29.42	28.92R	---	---	---	1986
1987	---	---	---	---	29.14	29.35	29.45	29.41	29.41	28.87R	---	---	---	1987
1988	---	---	---	---	---	29.44	29.45	29.44	29.43	28.87	---	---	---	1988
1989	---	---	---	---	29.31	29.44	29.42	29.40	29.38	28.77	---	---	---	1989
1990	---	---	---	---	---	29.45	29.40	29.41	29.41	---	---	---	---	1990
MOYEN	---	---	---	---	29.23	29.44	29.44	29.42	29.40	28.79	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 07 18
LONG 070 12 24

BASSIN VERSANT, 15 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

TROIS SAUMONS (LAC) - STATION NO. 02PG020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

TRUITE (ETANG A LA) - STATION NO. 02QB010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	29.02	29.12	29.09	---	1982
1983	29.01	28.95	28.88	29.12	29.59	30.36	29.51	28.79	---	---	29.06	29.08	---	1983
1984	29.02	29.01	29.01	29.09	29.37	30.44	30.46	30.23	---	28.81R	29.18R	29.13R	---	1984
1985	29.07	29.03	29.01	29.03	29.62	30.55	30.51	30.08	29.08	29.13R	29.08R	29.04R	29.44R	1985
1986	29.03	29.05	29.02	29.13	---	---	30.45	30.29	29.30	---	---	---	---	1986
1987	---	29.01	29.01	29.23	29.66	29.66	29.11	28.93	---	29.00R	29.07R	29.11R	---	1987
1988	29.03	29.01	29.00	29.07	29.27	29.64	29.56	29.49	29.57	29.42	---	---	---	1988
1989	---	---	---	---	29.38	29.62	29.46	29.57	29.52	29.14	29.15	29.09	---	1989
1990	29.04	29.04	29.02	29.09	---	---	---	---	---	---	---	---	---	1990
MOYEN	29.03	29.01	28.99	29.11	29.48	30.05	29.87	29.63	29.37	29.09	29.11	29.09	29.44	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 40 43 BASSIN VERSANT, 34.4 km²
LONG 066 47 08 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

TRUITE (ETANG A LA) - STATION NO. 02QB010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	30.66 LE 03 JUN *	28.99 LE 12 MAR *	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

TUNULIC (RIVIERE) PRES DE L'EMBOUCHURE - STATION NO. 03MC001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	29.93	29.75	---	---	1982
1983	---	---	---	---	---	---	---	---	29.93	30.06	29.87	29.63	---	1983
1984	29.53	29.42	29.40	29.41	30.50	30.28	---	29.79	30.11	---	---	---	---	1984
MOYEN	29.53	29.42	29.40	29.41	30.50	30.28	---	29.79	30.02	30.00	29.81	29.63	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 57 54 38 BASSIN VERSANT, 3 680 km²
LONG 066 22 22 DEBIT NATUREL

TUNULIC (RIVIERE) PRES DE L'EMBOUCHURE - STATION NO. 03MC001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984

PLAN DE REFERENCE - ARBITRAIRE

VALOIS (LAC) - STATION NO. 02PC013

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1979	---	---	---	---	---	---	---	29.31	29.38	29.25	29.12	29.09	---	1979
1980	29.06	29.06	29.04	29.12	29.26	29.28	29.32	29.32	---	29.18	28.93	---	---	1980
1981	---	---	---	---	---	29.19	29.14	29.13	29.11	28.99	28.73	28.69	---	1981
1982	28.65	28.64	28.64	28.68	29.00	29.28	29.29	29.27	29.31	---	29.03	28.98	---	1982
1983	28.95	28.93	28.92	28.93	29.26	29.33	---	---	29.28	29.17	28.94	28.91	---	1983
1984	28.89	28.89	28.88	28.95	29.17	29.31	29.31	29.31	29.29	29.17R	29.09R	29.08R	29.11R	1984
1985	---	---	---	---	29.30	29.23	29.17	---	---	---	---	---	---	1985
MOYEN	28.89	28.88	28.87	28.92	29.20	29.27	29.25	29.27	29.27	29.15	28.97	28.95	29.11	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 30 39 BASSIN VERSANT, 19.5 km²
LONG 071 19 50 REGULARISE

R - REVISEE DEPUIS JAN 01 1988

VALOIS (LAC) - STATION NO. 02PC013

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	29.50 LE 24 MAI *	28.87 LE 12 JAN *	1984
1985	---	---	---	1985

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

VICTORIA (LAC) - STATION NO. 02JA001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1939	---	---	---	---	---	---	---	---	322.77	322.86	323.89	323.30	---	1939
1940	322.75	322.35	322.03	322.47	324.80	325.68	324.50	322.96	322.91	---	323.23	323.57	---	1940
1941	322.78	322.16	321.68	322.75	325.18	323.76	324.18	323.96	---	---	324.89	324.50	---	1941
1942	323.72	---	322.30	322.83	---	324.77	323.48	322.53	---	322.89	---	---	---	1942
1943	322.58	322.03	---	---	---	---	---	323.31	323.55	323.27	323.11	322.99	---	1943
1944	322.44	---	---	---	---	---	---	---	---	---	323.15	323.05	---	1944
1945	322.77	322.64	322.71	324.44	324.76	324.25	323.22	322.11	321.88	322.41	323.61	323.35	323.18	1945
1946	322.98	322.76	322.83	323.40	324.85	324.63	323.51	323.06	323.13	323.03	323.47	323.64	323.44	1946
1947	323.22	322.38	322.57	323.38	325.58	326.45	324.58	323.49	322.60	322.99	323.05	322.78	323.60	1947
1948	322.37	322.13	322.26	323.01	325.07	324.99	323.94	322.79	322.24	323.43	324.31	324.11	323.39	1948
1949	323.87	324.26	323.93	323.94	324.53	324.72	325.00	324.33	324.41	324.90	324.70	324.91	324.46	1949
1950	324.46	324.57	324.19	323.51	323.85	324.59	324.56	324.62	324.55	324.08	324.42	325.16	324.38	1950
1951	325.28	325.09	324.31	324.25	324.22	324.60	324.77	324.43	324.20	325.17	325.42	326.00	324.73	1951
1952	325.26	325.34	324.61	324.50	324.21	325.01	324.49	324.65	324.53	324.19	324.79	325.12	324.72	1952
1953	325.32	325.40	324.62	324.17	324.37	324.73	324.39	324.74	324.24	324.28	324.63	324.14	324.58	1953
1954	324.91	324.96	324.55	323.74	323.81	324.11	324.74	324.58	324.44	325.30	324.91	325.03	324.59	1954
1955	325.25	325.65	324.45	323.79	323.86	324.11	324.95	324.41	---	324.47	324.04	324.39	---	1955
1956	325.04	325.17	324.08	323.56	---	324.06	324.67	324.88	325.35	325.09	324.50	325.00	---	1956
1957	325.11	325.41	324.34	323.67	---	323.82	324.95	324.36	324.76	324.82	325.22	325.45	---	1957
1958	325.54	325.38	324.38	323.61	323.58	323.51	324.24	324.44	324.57	324.59	325.04	325.21	324.50	1958
1959	325.56	325.11	324.20	323.57	323.84	323.51	323.87	324.43	324.64	324.75	325.27	325.67	324.53	1959
1960	325.66	325.15	324.54	323.63	324.89	324.98	325.52	324.95	324.19	324.48	324.92	325.29	324.85	1960
1961	324.98	324.85	324.19	323.47	323.74	323.49	323.71	323.89	324.34	324.60	324.20	325.29	324.23	1961
1962	325.47	325.45	324.35	323.57	323.94	323.62	324.48	324.40	324.57	324.52	324.40	324.32	324.42	1962
1963	324.18	323.94	323.56	323.73	323.77	323.65	324.14	324.28	323.66	324.27	324.96	324.62	324.07	1963
1964	324.88	324.60	323.82	323.34	323.84	324.33	324.56	324.33	324.09	324.48	324.80	324.75	324.32	1964
1965	324.58	324.34	323.92	323.17	323.82	323.74	324.47	324.33	325.24	325.66	325.22	325.06	324.46	1965
1966	325.08	325.04	324.29	324.20	323.99	324.78	324.87	324.95	324.83	324.77	324.89	325.31	324.55	1966
1967	325.47	325.64	324.88	323.86	324.43	325.46	325.08	325.25	324.91	324.48	324.74	325.04	324.93	1967
1968	325.34	325.28	324.71	323.94	324.23	324.61	324.57	324.68	324.80	324.59	324.56	324.70	324.67	1968
1969	324.79	324.71	324.15	323.41	323.90	324.23	324.64	324.62	324.95	324.98	324.46	324.87	324.48	1969
1970	325.35	324.94	324.29	323.33	324.05	324.65	325.27	325.07	324.97	325.00	324.87	324.85	324.72	1970
1971	324.76	324.53	324.32	323.38	323.98	324.50	324.39	324.26	324.44	324.40	324.39	324.39	324.31	1971
1972	324.50	324.71	324.38	323.33	323.95	324.33	324.64	324.70	324.68	324.74	324.79	325.10	324.49	1972
1973	325.11	324.83	324.30	323.67	324.26	324.57	324.63	324.69	324.74	324.76	324.85	325.23	324.64	1973
1974	325.09	325.06	324.88	323.70	324.81	325.98	325.12	324.58	324.74	324.56	324.35	325.15	324.84	1974
1975	325.30	325.17	324.57	323.53	323.98	324.28	324.69	325.01	324.70	324.41	324.69	324.64	324.58	1975
1976	325.02	324.94	324.40	323.93	324.66	324.80	324.68	324.63	324.56	324.54	324.79	325.18	324.68	1976
1977	325.11	325.05	324.42	323.83	---	---	324.56	324.51	324.67	324.83	324.88	325.09	---	1977
1978	325.03	324.97	323.97	323.41	323.82	323.96	324.18	324.27	324.72	324.60	324.73	325.42	324.42	1978
1979	325.07	324.89	324.10	323.57	324.48	324.80	324.66	324.46	324.53	325.18	325.47	325.21	324.70	1979
1980	325.42	325.52	---	---	---	---	324.80	324.43	324.08	324.75	324.51	324.97	---	1980
1981	325.20	324.93	324.60	324.11	325.11	325.14	324.63	324.60	325.18	324.68	324.61	324.83	324.80	1981
1982	324.80	324.76	324.16	323.34	323.89	324.32	324.29	324.47	324.48	324.41	324.42	324.51	324.32	1982
1983	325.00	325.08	324.55	323.54	324.20	325.25	324.75	324.66	324.75	324.41	324.70	325.14	324.67	1983
1984	325.05	324.77	324.43	323.69	323.99	324.57	324.71	324.44	324.46	324.82R	325.06R	325.11R	324.59R	1984
1985	325.13	324.95	324.38	323.40	324.06	324.46	324.70	324.65	324.93	324.99R	324.82R	324.81R	324.60R	1985
1986	324.91	---	323.62	323.61	324.27	325.07	324.75	324.62	324.35	324.76R	324.93R	325.02R	---	1986
1987	324.96	324.71	323.72	323.48	323.59	323.99	323.98	324.09	324.15	---	---	324.77R	---	1987
1988	324.71	324.80	324.26	323.64	323.85	---	---	---	324.88	325.04	325.47	325.47	---	1988
1989	325.39	---	---	323.46	323.86	324.29	324.36	324.10	324.13	324.45	324.71	324.80	---	1989
1990	324.93	324.82	324.04	323.34	323.94	324.17	324.47	324.39	324.45	---	---	---	---	1990
MOYEN	324.66	324.58	324.00	323.59	324.22	324.51	324.51	324.29	324.31	324.44	324.57	324.71	324.43	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 50 09
LONG 077 21 56

BASSIN VERSANT, 9 840 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

VICTORIA (LAC) - STATION NO. 02JA001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1939	---	---	---	1939
1940	---	---	---	1940
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	325.21 LE 19 AVR	321.73 LE 31 AOU *	1945
1946	---	325.13 LE 31 MAI	322.72 LE 05 MAR	1946
1947	---	326.92 LE 01 JUN *	322.24 LE 22 FEV	1947
1948	---	325.41 LE 26 MAI	322.12 LE 05 FEV	1948
1949	---	325.53 LE 02 JUL	323.79 LE 14 JAN	1949
1950	---	325.20 LE 19 DEC	323.38 LE 17 AVR	1950
1951	---	325.59 LE 31 OCT	323.97 LE 28 MAR	1951
1952	---	325.77 LE 04 FEV	323.95 LE 29 OCT	1952
1953	---	325.45 LE 22 FEV	323.76 LE 25 SEP	1953
1954	---	325.62 LE 16 OCT	323.55 LE 14 AVR	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	325.60 LE 30 DEC	323.32 LE 16 JUN	1958
1959	---	325.82 LE 30 DEC	323.25 LE 30 JUN	1959
1960	---	325.84 LE 03 JAN	323.46 LE 13 AVR	1960
1961	---	325.54 LE 26 DEC	323.26 LE 07 JUL	1961
1962	---	325.54 LE 17 FEV	323.37 LE 18 JUN	1962
1963	---	325.21 LE 15 NOV	323.29 LE 18 JUN	1963
1964	---	324.93 LE 21 JAN	323.12 LE 11 AVR	1964
1965	---	325.79 LE 25 OCT	323.09 LE 18 AVR	1965
1966	---	325.45 LE 17 DEC	323.76 LE 31 MAR	1966
1967	---	325.75 LE 23 JUN	323.68 LE 14 AVR	1967
1968	---	325.46 LE 24 JAN	323.80 LE 05 MAI	1968
1969	---	325.24 LE 14 OCT	323.26 LE 12 AVR	1969
1970	---	325.41 LE 11 JAN	323.17 LE 20 AVR	1970
1971	---	324.86 LE 01 JAN	323.26 LE 16 AVR	1971
1972	---	325.18 LE 28 DEC	323.19 LE 22 AVR	1972
1973	---	325.33 LE 28 DEC	323.54 LE 15 AVR	1973
1974	---	326.45 LE 07 JUN	323.52 LE 21 AVR	1974
1975	---	325.37 LE 24 JAN	323.34 LE 18 AVR	1975
1976	---	325.29 LE 11 DEC	323.73 LE 14 AVR	1976
1977	---	---	---	1977
1978	---	325.80 LE 09 DEC	323.24 LE 22 AVR	1978
1979	---	325.71 LE 03 NOV	323.39 LE 13 AVR	1979
1980	---	---	---	1980
1981	---	325.89 LE 28 MAI	323.84 LE 01 AVR	1981
1982	---	324.85 LE 05 JAN	323.14 LE 18 AVR	1982
1983	---	325.56 LE 10 JUN	323.44 LE 10 AVR	1983
1984	---	325.17 LE 01 JAN	323.50 LE 11 AVR	1984
1985	---	325.18 LE 09 OCT	323.27 LE 18 AVR	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

VILLEBON (LAC) - STATION NO. 03AC010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1968	---	---	---	---	---	---	---	29.18	---	---	28.91	---	---	1968
1970	---	---	---	---	---	---	---	---	---	29.22	---	---	---	1970
1971	---	---	---	---	29.44	29.10	29.06	29.06	28.97	---	---	---	---	1971
MOYEN	---	---	---	---	29.44	29.10	29.06	29.12	28.97	29.22	28.91	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 01 52
LONG 077 20 29 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

VILLEBON (LAC) - STATION NO. 03AC010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1968	---	---	---	1968
1970	---	---	---	1970
1971	---	---	---	1971

PLAN DE REFERENCE - ARBITRAIRE

VINCELOTTE (LAC) A SON EXUTOIRE SUD - STATION NO. 03DC004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1984	---	428.43R	429.77R	430.84R	430.14R	429.11R	428.29R	428.16R	428.45R	---	---	---	---	1984
MOYEN	---	428.43R	429.77R	430.84R	430.14R	429.11R	428.29R	428.16R	428.45R	---	---	---	---	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 54 14 25 LONG 072 28 00 — BASSIN VERSANT, 6 890 km² REGULARISE

R - REVISEE DEPUIS JAN 01 1988

VINCELOTTE (LAC) A SON EXUTOIRE SUD - STATION NO. 03DC004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1984	---	---	---	1984

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

WASWANIPI (RIVIERE) AU LAC WASWANIPI - STATION NO. 03AB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1949	---	---	---	---	---	---	---	---	---	---	22.11	---	---	1949
1951	---	---	---	---	23.30	22.52	22.12	21.85	21.62	22.46	22.85	22.78	---	1951
1952	22.10	21.65	21.32	21.49	23.37	23.47	22.97	23.33	22.94	22.76	22.36	22.59	22.53	1952
1953	22.29	21.83	21.68	23.11	24.17	22.96	22.09	21.65	21.91	22.23	21.86	---	---	1953
1954	21.63	21.27	21.12	21.43	24.04	23.41	---	---	21.87	22.59	22.33	22.38	---	1954
1955	22.03	21.72	21.41	21.72	23.58	22.85	21.98	21.63	21.66	22.20	22.54	22.33	22.14	1955
1956	21.81	---	21.38	21.41	22.90	24.58	23.05	22.55	21.93	21.20	22.33	21.92	---	1956
1957	21.70	21.50	21.38	21.52	23.63	24.33	23.48	22.77	22.47	22.62	22.77	22.82	22.50	1957
1958	---	22.01	---	21.75	22.60	23.03	22.86	22.28	22.79	22.87	22.49	22.17	---	1958
1959	21.72	---	21.40	21.37	---	23.79	22.69	22.19	22.41	---	---	---	---	1959
1960	---	21.80	21.65	21.57	---	---	---	---	22.51	22.22	---	---	---	1960
1961	---	21.58	---	---	---	---	21.98	---	---	---	---	---	---	1961
1963	---	---	---	---	---	22.91	23.18	---	---	---	---	---	---	1963
1964	---	21.58	21.59	---	---	---	23.78	---	---	---	22.37	---	---	1964
1965	---	---	21.65	21.56	---	---	---	---	---	---	---	---	---	1965
MOYEN	21.90	21.66	21.46	21.69	23.45	23.29	22.74	22.28	22.31	22.57	22.40	22.43	22.39	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 49 39 05 LONG 076 29 40 — BASSIN VERSANT, 22 500 km² DEBIT NATUREL — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

WASWANIPI (RIVIERE) AU LAC WASWANIPI - STATION NO. 03AB001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1949	---	---	---	1949
1951	---	---	---	1951
1952	---	23.80 LE 18 MAI	21.23 LE 02 AVR *	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	23.85 LE 11 MAI *	21.30 LE 09 AVR	1955
1956	---	---	---	1956
1957	---	23.85 LE 11 MAI	21.26 LE 16 AVR	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

WATERLOO (LAC) A WATERLOO - STATION NO. 02OG038

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	96.82R	---	---	96.92R	---	1977
1978	---	---	96.88R	97.18R	96.94R	96.94R	96.83R	96.87R	96.85R	96.97R	96.94R	96.92R	---	1978
1979	97.00R	96.92R	97.12R	97.07R	96.91R	96.88R	96.68R	96.82R	96.95R	96.91R	97.00R	97.01R	96.94R	1979
1980	96.86R	96.70R	---	---	96.90R	---	---	---	---	---	---	96.96R	---	1980
1981	96.80R	97.03R	96.86R	97.00R	96.92R	96.99R	96.81R	96.93R	96.92R	97.01R	97.02R	96.97R	96.94R	1981
1982	96.93R	96.88R	96.92R	97.13R	96.84R	96.74R	96.71R	96.75R	96.80R	96.79R	---	96.87R	---	1982
1983	96.83R	96.84R	96.87R	96.86R	96.89R	96.79R	96.71R	96.73R	96.69R	96.74R	---	---	---	1983
1984	96.71R	96.81R	96.67R	96.71R	96.88R	96.81R	96.84R	96.81R	96.81R	---	96.85R	96.86R	---	1984
1985	---	96.82R	96.80R	96.83R	96.84R	96.82R	96.83R	96.78R	96.79R	96.83R	96.83R	96.78R	---	1985
1986	96.80R	96.77R	96.83R	96.83R	96.87R	96.85R	96.86R	96.86R	96.87R	96.87R	96.82R	96.76R	96.83R	1986
1987	96.72	96.71	96.74	96.78	96.79	96.80	96.72	96.62	96.62	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	96.77	96.82	96.77	---	1988
1989	96.76	---	96.76	96.83	96.79	96.77	96.67	96.64	96.64	96.69	96.77	96.74	---	1989
1990	96.83	96.76	96.71	96.80	96.82	---	---	---	---	---	---	---	---	1990
MOYEN	96.82	96.82	96.83	96.91	96.87	96.84	96.77	96.78	96.80	96.84	96.88	96.87	96.90	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 20 15
LONG 072 31 00

BASSIN VERSANT, 30.5 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

WATERLOO (LAC) A WATERLOO - STATION NO. 02OG038

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	97.51 LE 26 MAR *	96.60 LE 26 JUL *	1979
1980	---	---	---	1980
1981	---	97.38 LE 29 OCT	96.72 LE 03 AOU	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	97.17 LE 31 MAR	96.71 LE 26 MAR	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

WATERLOO (LAC) EN AMONT DU BARRAGE - STATION NO. 02OG044

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1984	---	---	---	---	---	---	---	---	---	---	---	208.13R	---	1984
1985	208.08	208.07	208.03	208.05	208.09	207.97	208.08	208.04	208.03	208.08R	208.09R	208.04R	208.05R	1985
1986	208.05	208.03	208.04	208.07	208.09	208.11	208.11	208.12	208.12	208.13R	208.14R	208.08R	208.09R	1986
1987	208.05	208.03	208.03	208.07	208.10	208.11	208.04	207.94	207.94	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	208.09	208.11	208.09	---	1988
1989	208.08	208.09	208.04	208.08	208.10	208.07	207.97	207.94	207.94	207.99	208.06	208.04	208.03	1989
1990	208.11	208.05	207.89	208.06	208.12	208.11	208.09	208.07	208.03	---	---	---	---	1990
MOYEN	208.07	208.05	208.01	208.07	208.10	208.07	208.06	208.02	208.01	208.07	208.10	208.08	208.06	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 107.87 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 21 02
LONG 072 31 00

BASSIN VERSANT, 30.5 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

WATERLOO (LAC) EN AMONT DU BARRAGE - STATION NO. 02OG044

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1984	---	---	---	1984
1985	---	208.26 LE 27 FEV	207.67 LE 22 JUN *	1985
1986	---	208.26 LE 13 SEP	207.90 LE 04 MAI	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	208.41 LE 30 MAR *	207.88 LE 02 AOU	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 107.87 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

YAMASKA (RIVIERE) - STATION NO. 020G005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	---	---	---	26.02	---	---	1966
1967	---	---	---	---	---	---	25.97	26.00	25.64	26.04	26.14	25.97	---	1967
1968	26.95	27.06	27.29	27.37	27.47	27.34	27.44	27.12	26.70	26.75	27.52	27.48	27.21	1968
1969	27.36	27.39	27.42	27.69	27.62	27.52	27.46	27.34	27.21	26.78	27.58	27.22	27.38	1969
1970	26.95	27.06	27.12	27.63	27.28	27.09	27.30	26.60	27.06	27.54	27.50	27.48	27.22	1970
1971	27.46	27.42	27.64	27.85	27.35	27.10	26.78	27.25	27.26	27.46	27.38	27.40	27.36	1971
1972	27.14	26.97	27.19	27.76	27.31	27.56	27.65	27.46	27.00	27.48	27.60	27.44	27.37	1972
1973	27.49	27.32	27.65	27.52	27.29	---	---	---	---	---	27.50	27.75	---	1973
1974	27.62	27.17	27.30	27.53	---	27.08	27.21	---	---	---	27.23	27.15	---	1974
1975	27.09	27.00	27.28	27.42	---	---	26.97	---	---	27.10	27.21	---	---	1975
1976	---	---	---	27.34	27.21	27.00	27.17	27.07	---	---	---	27.11	---	1976
1977	27.00	26.99	27.46	---	---	---	26.97	26.97	27.10	27.38	27.21	27.15	---	1977
1978	27.18	27.09	27.13	27.68	---	---	---	---	---	27.09	27.07	27.05	---	1978
1979	27.24	27.12	27.53	27.30	27.05	---	---	27.02	27.14	27.08	27.16	27.19	---	1979
1980	27.02	26.93	27.10	27.22	27.11	26.98	27.02	---	---	27.14	27.20	27.18	---	1980
1981	27.00	27.42	27.20	27.22	27.13	27.13	---	---	---	---	---	---	---	1981
1982	---	---	---	27.43	26.92	26.86	26.82	26.89	26.91	---	---	---	---	1982
1983	---	---	27.22	27.32	27.27	26.98	26.85	26.85	26.83	26.89	27.26	27.29	---	1983
1984	26.95	27.19	27.11	27.18	27.10	26.98	26.93	26.93	26.92	26.89R	26.99R	27.05R	27.02R	1984
1985	26.96	27.00	27.26	27.25	26.99	26.92	26.94	---	---	---	---	---	---	1985
1986	---	27.00	27.28	27.14	27.00	26.91	26.96	27.03	27.02	27.08R	27.12R	27.06R	---	1986
1987	26.95	---	---	27.10	26.96	27.05	26.88	26.85	---	---	---	---	---	1987
1989	---	26.92	27.06	27.15	27.00	26.91	26.84	26.84	26.84	---	---	26.93	---	1989
1990	27.15	27.12	27.24	---	---	---	---	---	---	---	---	---	---	1990
MOYEN	27.15	27.12	27.29	27.41	27.18	27.09	27.01	26.95	26.89	27.05	27.16	27.17	27.26	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 37 17
LONG 072 57 03

BASSIN VERSANT, 3 370 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

YAMASKA (RIVIERE) - STATION NO. 020G005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	28.18 LE 24 MAR	26.10 LE 12 SEP	1968
1969	---	28.47 LE 11 AVR	26.36 LE 02 OCT	1969
1970	---	27.99 LE 19 AVR	25.92 LE 21 AOU	1970
1971	---	28.35 LE 12 DEC	25.80 LE 14 JUL *	1971
1972	---	28.54 LE 09 AOU *	26.36 LE 16 SEP	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	27.80 LE 21 FEV	26.86 LE 13 JUN	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1989	---	---	---	1989
1990	---	---	---	1990

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

YAMASKA NORD (RIVIERE) AU RESERVOIR CHOINIERE - STATION NO. 020G009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	143.27	143.32	143.26	143.29	---	143.09	143.52	143.38	143.37	---	1977
1978	142.99	142.38	139.90	141.13	143.31	143.37	143.15	142.69	142.07	142.11	142.64	142.57	142.36	1978
1979	142.82	140.97	140.75	142.69	---	---	142.43	141.93	142.53	141.48	---	142.67	---	1979
1980	142.99	141.78	140.85	142.64	143.36	---	---	143.18	143.25	---	---	143.26	---	1980
1981	142.33	142.26	143.25	143.42	143.35	143.30	142.85	142.68	142.75	143.00	143.44	143.16	142.99	1981
1982	142.71	141.83	140.88	143.42	143.01	142.08	141.34	140.47	140.42	139.52	139.78	141.42	141.17	1982
1983	142.30	142.79	142.79	143.33	143.44	143.14	142.38	141.55	140.70	140.28	141.72	143.46	142.32	1983
1984	142.87	142.66	141.97	142.90	143.37	143.26	143.00	142.71	142.69	142.18R	142.15R	142.76R	142.71R	1984
1985	143.09	141.71	141.47	143.01	143.30	142.98	142.60	142.03	141.34	141.46R	142.24R	142.84R	142.34R	1985
1986	142.54	142.16	141.45	143.34	143.28	143.07	142.91	142.86	143.01	143.21R	143.31R	143.20R	142.86R	1986
1987	142.40	141.46	140.96	142.87	142.55	143.20	142.98	142.22	141.54	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	141.99	143.16	143.13	---	1988
1989	142.64	141.86	141.44	143.05	143.31	143.21	142.53	141.83	141.08	140.64	141.50	142.01	142.09	1989
1990	142.28	142.23	141.67	142.83	143.27	143.19	143.12	143.11	142.73	---	---	---	---	1990
MOYEN	142.66	142.01	141.45	142.92	143.24	143.10	142.72	142.27	142.08	141.76	142.33	142.80	142.38	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 25 09
LONG 072 37 30

BASSIN VERSANT, 151 km²
REGULARISE

R - REVISEE DEPUIS JAN 01 1988

YAMASKA NORD (RIVIERE) AU RESERVOIR CHOINIERE - STATION NO. 020G009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	AN
1977	---	---	---	1
1978	---	143.81 LE 21 JUN	139.51 LE 27 MAR	1
1979	---	---	---	1
1980	---	---	---	1
1981	---	143.72 LE 29 OCT	141.56 LE 01 FEV	1
1982	---	143.95 LE 19 AVR	139.34 LE 01 NOV *	1
1983	---	144.06 LE 15 DEC *	140.12 LE 03 NOV	1
1984	---	143.48 LE 31 MAI	141.03 LE 21 MAR	1
1985	---	143.43 LE 02 JAN	140.87 LE 28 MAR	1
1986	---	143.72 LE 01 AVR	140.50 LE 11 MAR	1
1987	---	---	---	1
1988	---	---	---	1
1989	---	143.41 LE 07 MAI	140.45 LE 18 OCT	1
1990	---	---	---	1

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

NOM	STATION NO.	PAGE
ABITIBI (LAC)	04MA004	1
ACHIGAN (LAC DE L')	02QB010	2
ACHIGAN (RIVIERE DE L') ECHELLE NO.1	02QB012	3
ACHIGAN (RIVIERE DE L') ECHELLE NO.2	02QB013	3
ACHIGAN (RIVIERE DE L') ECHELLE NO.3	02QB014	3
ALLARD (RIVIERE)	02QB028	4
ARCHAMBAULT (LAC)	01AD002	3
ARGENT (LAC D') A EASTMAIN	02QH004	4
BALEINE (PETITE RIVIERE DE LA) EN AMONT DU CHENAL ANCEL	03FC008	5
BAPTISTE (LAC)	02LC062	5
BARRIERE (LAC) AU BARRAGE	02LD008	6
BEAU PORTAGE (LAC DU)	02RG014	6
BELLE RIVIERE (RIVIERE) AU BARRAGE PRES DE SAINTE-SCHOLASTIQUE	02QA026	7
BETSIAMITES (RIVIERE) AU RESERVOIR PIPMUACAN	02SB002	7
BEVIN (LAC) AU POINT-ROUTE 327	02LC032	8
BEVIN (RIVIERE) A LAKEVIEW	02LC031	8
BIENVILLE (LAC)	03EA002	9
BLANC (LAC)	02PB036	9
BONNARD (RIVIERE) AU RESERVOIR MANOUANE	02RA001	10
BOUCHETTE (LAC)	02RG009	11
BROME (LAC) A KNOWLTON	02OQ021	12
BROME (LAC) AU BARRAGE	02OQ024	13
BROMPTON (LAC)	02OF015	14
BULSTRODE (RIVIERE) A SAINT-VALERE-1	02OD010	14
BULSTRODE (RIVIERE) A SAINT-VALERE-2	02OD009	15
CABANO (RIVIERE) AU LAC LONG	01AD009	15
CANTAPISCAU (RESERVOIR) A DUPLANTIER	01LB004	16
CANTAPISCAU (RIVIERE) A DUPLANTIER	03LB003	16
CHALEURS (BAIE DES) A CARLETON	01BG007	17
CHAMPLAIN (LAC)	02PC014	17
CHAMPLAIN (LAC) A PHILIPSBURG	02OH001	17
CHATEAUGUAY (RIVIERE) A CHATEAUGUAY-CENTRE	02OA012	19
CHAUDIERE (RIVIERE) A SAINT-LAMBERT-DE-LEVIS	02PJ005	20
CHAUDIERE (RIVIERE) A SAINTE-MARIE	02PJ006	21
CHAUDIERE (RIVIERE) AU RESERVOIR SARTIGAN	02PJ013	21
CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE A MEGANTIC	02PJ012	22
CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE SARTIGAN	02PJ014	22
CHAUDIERE (RIVIERE) EN AVAL DU RUISSEAU DROLET	02PJ002	23
CHENE (RIVIERE DU) AU SUD DU VILLAGE DE BELLE-RIVIERE	02OE040	23
CHIBOUGAMAU (LAC) DANS LA BAIE DU COMMENCEMENT	02OA028	23
CHIBOUGAMAU (LAC) DANS LA BAIE QUEYLUS	03AA006	24
CHICOUTIMI (RIVIERE) AU RESERVOIR KENOGAMI	03AA007	24
CHIENS (RIVIERE AUX) PRES DE BOISBRIAND	02RH002	25
CINCONSINE (RUISSEAU) AU RESERVOIR CINCONSINE	02OA032	26
COATICOOK (RIVIERE) EN AMONT DU PONT A WATERVILLE	02ME000	27
COATICOOK RIVIERE) PRES DE NORTH-COATICOOK	02OE040	27
CORNU (LAC) AU BARRAGE-CORNU	02OE010	28
COXIPI (RIVIERE) A LA SORTIE DU LAC COXIPI	02LC012	29
CREEK OUTLET	02QB002	30
	02RH028	30
DECHARGE DU LAC DES SEIZE ILES EN AVAL DU BARRAGE	02LC034	31
DESVAUX (LAC)	04MA005	31
DEUX MONTAGNES (LAC DES) AU QUAI DE VAUDREUIL	02OA021	32
DORE (LAC) A L'ILE MERRILL	03AA004	33
DORE (LAC) A L'ILE MERRILL-1	03AA003	33
DORE (LAC) DANS LA BAIE BATEMAN	03AA005	34
DUMOINE (RIVIERE) AU LAC DUMOINE	02KJ003	34
DUMOINE (RIVIERE) AU LAC ROBINSON	02KJ004	35
DUVIVIER (LAC)	02QB016	35
EAU CLAIRE (RIVIERE A L') A LA SORTIE DU LAC L'EAU CLAIRE	03FB001	36
ECHO (LAC)	02LC040	36
ECORCES (LAC DES)	02LE010	37
ESCALIER (LAC)	02LC066	38
FALSE (RIVIERE)	03MB001	38
FLEUVE A SAINT-LAURENT A LANORAIE	02OB011	39
FONTANGES (BASSIN) A LA DIGUE KD-15	03DC005	40
FOURCHUE (RIVIERE) AU RESERVOIR MORIN	02PG009	41
FREGATE (LAC DE LA)	03DE007	41
GATINEAU (RIVIERE) A BOUCHETTE	02LH007	42
GATINEAU (RIVIERE) A LA CENTRALE DE PAUGAN-FALLS	02LH009	43
GATINEAU (RIVIERE) A MANIWAKI	02LH001	44
GATINEAU (RIVIERE) AU RESERVOIR BASKATONG	02LG007	46
GENS DE TERRE (RIVIERE) AU RESERVOIR CABONGA	02LG003	47
HART JAUNE (RIVIERE) AU RESERVOIR PETIT MANICOUAGAN	02TB001	48
ILES (LAC DES)	02LE020	48
ILES (LAC DES)	02LE022	49
ILES (LAC DES) A ENTRELACS	02OB020	49
ILES (LAC DES) AU PONT	02LE023	50
JACK (LAC A)	02PF003	50
JACQUES-CARTIER (RIVIERE) AU RESERVOIR JACQUES-CARTIER	02PC004	51
JIM (LAC A)	02RE006	52
KIAMIKA (RIVIERE) AU BARRAGE KIAMIKA	02LE017	53
KIPAWA (LAC) A LANIEL	02JE017	54
KIPAWA (LAC) AU BARRAGE DE KIPAWA	02JE005	54
L'ASSOMPTION (RIVIERE) A CHARLEMAGNE	02OB004	55
L'ASSOMPTION (RIVIERE) A L'ASSOMPTION	02OB006	56
LA SARRE (RIVIERE) PRES DE LA SARRE	04MA003	57
LAC AU SAUMON	01BD005	58
LAC DES ILES (RIVIERE DU) AU LAC DES ILES	02LE021	58
LAFLAMME (LAC) A LA FORET DE MONTMORENCY	02PD017	59
LIEVRE (RIVIERE DU)	02LF004	59
LIEVRE (RIVIERE DU) A FERME ROUGE	02LE003	60
LIEVRE (RIVIERE DU) AU LAC DU POISSON BLANC	02LF002	60
LIEVRE (RIVIERE DU) EN AVAL DE LA CENTRALE DE BUCKINGHAM	02LF016	61
LIEVRE (RIVIERE DU) EN AVAL DE LA RIVIERE KIAMIKA	02LE011	61
LONG (LAC) PRES DE LES ETROITS	01AD008	62
LOUIS (LAC)	02RG015	63
LOUISE (LAC)	02OE066	63
LOUP (RIVIERE DU) A LA ROUTE NO. 232	02PG001	64
LOUP (RIVIERE DU) A SAINT-JOSEPH-DE-KAMOURASKA	02PG006	64
LOUPS MARINS (LAC DES)	03FA003	65
LOVERING (LAC)	02OE015	66
LUDGER (LAC) AU BARRAGE LUDGER	02LC010	66
MACAMIC (LAC) A MACAMIC	04MA001	67
MADAWASKA (RIVIERE) AU RESERVOIR TEMISCOUATA	01AD004	68
MAGANASIPI (RIVIERE) AU LAC JOHNSON	02KA013	69
MAGPIE (RIVIERE) A LA SORTIE DU LAC MAGPIE	02VB004	69
MANICOUAGAN (RIVIERE) A LA CENTRALE NO. 5	02TC004	70
MANITOU (LAC) AU BARRAGE MANITOU	02LC013	70

NOM	STATION NO.	PAGE
MANOUANE (RIVIÈRE) AU RESERVOIR CHATEAU VERT	02NB001	71
MANOUANE (RIVIÈRE) AU RESERVOIR KEMPT	02NB003	72
MANOUANE (RIVIÈRE) AU RESERVOIR MANOUANE	02NB006	73
MANOUANE (RIVIÈRE) AU RESERVOIR MANOUANE	02RB001	74
MAROIS (LAC)	02LC038	74
MASKINONGE (LAC) A SAINT GABRIEL DE BRANDON	02OC007	75
MASKINONGE (RIVIÈRE) AU BARRAGE DE SAINT-DIDALE	02OC006	76
MASSAWIPPI (LAC) A NORTH HATLEY	02OE045	76
MASSAWIPPI (RIVIÈRE) PRES DE LA RIVIÈRE SAINT-FRANCOIS	02OE043	77
MASSON (LAC) AU BARRAGE MASSON	02LC009	78
MATAMEC (RIVIÈRE)	02UC005	78
MATANE (LAC)	02QB009	79
MATANE (RIVIÈRE) AU RESERVOIR MATHIEU-D'AMOURS	02QB008	79
MATAPEDIA (LAC) A VAL-BRILLANT	01BD004	79
MATAPEDIA (RIVIÈRE) PRES DE AMQUI	01BD008	80
MATAWIN (RIVIÈRE) AU RESERVOIR MATAWIN	02NF002	81
MCDONALD (LAC) A LAKEVIEW	02LC033	82
MEGANTIC (LAC) A MEGANTIC	02PJ001	83
MEMPHREMAGOG (LAC) A MAGOG	02OE012	84
MILLE ILES (RIVIÈRE DES) A BOIS-DES-FILION	02OA003	86
MILLE ILES (RIVIÈRE DES) A LAVAL OUEST	02OA015	86
MILLE-ILES (RIVIÈRE DES) AU BARRAGE DE TERREBONNE	02OA088	87
MINTO (LAC)	03JA002	87
MISTASSINI (LAC)	03BA001	88
MITCHINAMECUS (RIVIÈRE) AU RESERVOIR MITCHINAMECUS	02LE014	89
MONDONAC (RIVIÈRE) AU RESEVOIR MONDONAC	02NB004	90
MONROE (LAC)	02LC067	91
MONTMORENCY (RIVIÈRE) EN AVAL DU RUISSEAU DES BRÛLÉS	02PD005	91
MULETS (RIVIÈRE AUX) AU BARRAGE THEODORE	02LC017	92
NEMISCAU (LAC)	03BC001	93
NICHICUN (LAC)	03DA001	94
NICOLET SUD-OUEST (RIVIÈRE) À LA VISITATION	02OD004	95
NORD (RIVIER DU) AU BARRAGE BRULE	02LC015	95
NORD (RIVIERE DU) AU BARRAGE DE LA MONTAGNE NOIRE	02LC011	96
NORD (RUISSEAU) SUR LE CHEMIN SAINT-DOMINIQUE	02LC019	97
NOUVELLE (RIVIÈRE) EN AMONT DU PONT	01BF003	98
NOUVELLE (RIVIÈRE) EN AVAL DU PONT	01BF002	98
OPINACA (RESERVOIR) A LA DIGUE OA-10	03CE002	98
ORFORD (LAC)	02OH009	99
OUAREAU (LAC)	02OB019	99
OUASIEMSCA (RIVIÈRE) EN AVAL DE LA RIVIÈRE MICOGAS	02RE001	100
OUIATCHOUANE (RIVIÈRE) AU RESERVOIR DES COMMISSAIRES	02RG007	101
OUIQUI (LAC)	02RG019	102
OUTAOUAIS (RIVIÈRE DES)	02JB006	102
OUTAOUAIS (RIVIÈRE DES) A CARILLON (AMONT)	02LB026	103
OUTAOUAIS (RIVIÈRE DES) A CARILLON (AVAL)	02LB025	104
OUTAOUAIS (RIVIÈRE DES) A GRENVILLE	02LB001	105
OUTAOUAIS (RIVIÈRE DES) A HULL	02LA015	107
OUTAOUAIS (RIVIÈRE DES) A LA MARINA DE SAINTE-ANNE-DE-BELLEVUE	02OA[illegible]3	107
OUTAOUAIS (RIVIÈRE DES) A QUYON	02KF004	108
OUTAOUAIS (RIVIÈRE DES) A SAINTE-ANNE-DE-BELLEVUE	02OA013	110
OUTAOUAIS (RIVIÈRE DES) AU BARRAGE DE RAPIDE-SEPT	02JB005	112
OUTAOUAIS (RIVIÈRE DES) AU LAC GRANET	02JB009	112
OUTAOUAIS (RIVIÈRE DES) AU RESERVOIR DOZOIS	02JA003	113
OUTAOUAIS (RIVIÈRE DES) BARRAGE DES RAPIDES DES QUINZE	02JB008	114
OUTARDES (RIVIÈRE AUX) A LA CENTRALE NO. 3	02TE003	114
OUTARDES (RIVIÈRE AUX) A LA CENTRALE NO. 4	02TE002	115
PAPINEAU (LAC)	02LC014	115
PERIBONCA (RIVIÈRE) À LA CENTRALE DE CHUTE-A-LA-SAVANE	02RC002	116
PERIBONCA (RIVIÈRE) A LA CENTRALE DE LA CHUTE DU DIABLE	02RC007	116
PERIBONCA (RIVIÈRE) AU RESERVOIR DE LA PASSE DANGEREUSE	02RC005	117
PERIBONCA (RIVIÈRE) EN AVAL DE LA CENTRALE CHUTE DU DIABLE	02RC008	118
PERIBONCA (RIVIÈRE) EN AVAL DE LA CENTRALE DE CHUTE-A-LA-SAVANE	02RC009	119
PETIT MECATINA (RIVIERE DU) EN AVAL DU LAC BRETON	02XA007	119
PITLES (LAC DES)	03NG017	120
PINS (RIVIÈRE AUX) AU RÉSERVOIR SAINT-JOSEPH	02PC011	120
POHENEGAMOOK (LAC) A ESTCOURT	01AD014	121
POVUNGNITUK (LAC DE)	03GD002	121
PRAIRIES (RIVIÈRE DES) A AHUNTSIC	02OA006	122
PRAIRIES (RIVIÈRE DES) A CARTIERVILLE	02OA002	123
PRAIRIES (RIVIÈRE DES) A DUVERNAY EST	02OA020	125
PRAIRIES (RIVIÈRE DES) A L'ILE MAHEU	02OA076	125
PRAIRIES (RIVIÈRE DES) A PONT VIAU	02OA038	126
PRAIRIES (RIVIÈRE DES) A ROXBORO	02OA019	127
PRAIRIES (RIVIÈRE DES) A SAINT-VINCENT DE PAUL	02OA075	128
PRAIRIES (RIVIÈRE DES) A SAINTE-GENEVIEVE-DE-PIERREFONDS	02OA069	128
PRAIRIES (RIVIÈRE DES) AU RAPIDE DU CHEVAL BLANC	02OA004	129
PRAIRIES (RIVIÈRE DES) AUX RAPIDES DU CHEVAL BLANC	02OA018	130
QUALLUVIARTUNG (LAC)	03GD003	130
QUINZE (LAC DES) A ANGLIERS	02JB017	131
QUINZE (LAC DES) A LA POINTE DU PIN ROUGE	02JB011	131
RASCAS (RUISSEAU) AU RESERVOIR MITCHINAMECUS	02LE016	131
RAYMOND (LAC)	02LC042	132
RICHELIEU (RIVIÈRE) À CANTIC	02OJ006	133
RICHELIEU (RIVIÈRE) A LA MARINA DE SAINT-JEAN	02OJ016	134
RICHELIEU (RIVIÈRE) A SAINT-JEAN	02OJ001	135
RICHELIEU (RIVIÈRE) AMONT ELLUSE ST-OURS	02OJ018	136
RICHELIEU (RIVIÈRE) EN AMONT DU BARRAGE FRYERS	02OJ012	137
RICHELIEU (RIVIÈRE) EN AVAL DU BARRAGE FRYERS	02OJ013	139
ROBERTSON (LAC)	04MA006	140
ROND (LAC)	02RG016	141
ROUGE (RIVIÈRE) EN AVAL DE LA RIVIÈRE BEVIN	02LC028	141
SABLES (LAC AUX)	02PA009	142
SABLES (LAC DES) AU BARRAGE DES SABLES	02LC016	142
SABLES (RIVIÈRE AUX) AU RESERVOIR KENOGAMI	02RH014	143
SACACOMIE (LAC)	02OC009	144
SAGUENAY (RIVIÈRE) A LA CENTRALE DE LA CHUTE A CARON	02RH017	144
SAGUENAY (RIVIÈRE) A LA CENTRALE DE SHIPSHAW	02RH019	145
SAGUENAY (RIVIÈRE) EN AVAL DE LA CENTRALE DE SHIPSHAW	02RH020	145
SAGUENAY (RIVIÈRE) EN AVAL DE LA CHUTE A CARON	02RH018	146
SAINT-CHARLES (RIVIÈRE) AU BARRAGE DE CHATEAU D'EAU	02PD008	146
SAINT-CHARLES (RIVIÈRE) AU RESERVOIR SAINT-CHARLES	02PD007	147
SAINT-FRANCOIS (RIVIÈRE) A ASCOT	02OE004	147
SAINT-FRANCOIS (RIVIÈRE) A BROMPTONVILLE	02OF009	148
SAINT-FRANCOIS (RIVIÈRE) A DRUMMONDVILLE	02OF014	148
SAINT-FRANCOIS (RIVIÈRE) A RICHMOND-1	02OFC01	149
SAINT-FRANCOIS (RIVIÈRE) A SHERBROOKE	02OE005	151
SAINT-FRANCOIS (RIVIÈRE) AU BARRAGE LAROCQUE	02OF010	153
SAINT-FRANCOIS (RIVIÈRE) AU RESERVOIR AYLMER	02OE025	153
SAINT-FRANCOIS (RIVIÈRE) AU RESERVOIR SAINT-FRANCOIS	02OE024	154
SAINT-FRANCOIS (RIVIÈRE) EN AVAL DU RESERVOIR AYLMER-1	02OE070	155
SAINT-FRANCOIS (RIVIÈRE) EN AVAL DU RESERVOIR AYLMER-2	02OE071	155
SAINT-JEAN (LAC) A LA POINTE SCOTT	02RG013	156
SAINT-JEAN (LAC) A ROBERVAL	02RG010	156

NOM	STATION NO.	PAGE
SAINT-JEAN (LAC) A ROBERVAL (PRES DE LA MARINA)	02RG020	156
SAINT-JEAN (LAC) A SAINT-GEDEON	02RG003	157
SAINT-JEAN (LAC) PRES DE SAINT-HENRI-DETAILLON	02RG002	157
SAINT-JOSEPH (LAC)	02LC038	157
SAINT-LAURENT (FLEUVE) A BATISCAN	02PA005	158
SAINT-LAURENT (FLEUVE) A CAP-A-LA-ROCHE	02PK001	159
SAINT-LAURENT (FLEUVE) A CHAMPLAIN	02PA004	160
SAINT-LAURENT (FLEUVE) A CONTRECOEUR	02OJ021	161
SAINT-LAURENT (FLEUVE) A COTEAU-DU-LAC	02MC017	162
SAINT-LAURENT (FLEUVE) A COTEAU-LANDING	02MC016	164
SAINT-LAURENT (FLEUVE) A GRONDINES	02PC005	166
SAINT-LAURENT (FLEUVE) A LA PRAIRIE	02OA041	167
SAINT-LAURENT (FLEUVE) A LACHINE	02OA040	169
SAINT-LAURENT (FLEUVE) A LASALLE	02OA016	171
SAINT-LAURENT (FLEUVE) A LAVALTRIE	02OB010	172
SAINT-LAURENT (FLEUVE) A LONGUE-POINTE	02OA048	173
SAINT-LAURENT (FLEUVE) A MONTREAL (JETEE NO. 1)	02OA046	174
SAINT-LAURENT (FLEUVE) A NEUVILLE	02PC007	175
SAINT-LAURENT (FLEUVE) A POINTE-AUX-TREMBLES	02OA049	177
SAINT-LAURENT (FLEUVE) A POINTE-DES-CASCADES	02MC006	178
SAINT-LAURENT (FLEUVE) A PORT-SAINT-FRANCOIS	02OD002	180
SAINT-LAURENT (FLEUVE) A PORTNEUF	02PC006	180
SAINT-LAURENT (FLEUVE) A REPENTIGNY	02OB009	181
SAINT-LAURENT (FLEUVE) A SOREL	02OJ022	183
SAINT-LAURENT (FLEUVE) A TRACY	02OJ027	184
SAINT-LAURENT (FLEUVE) A TROIS-RIVIERES	02NG010	185
SAINT-LAURENT (FLEUVE) A VARENNES	02OA050	187
SAINT-LAURENT (FLEUVE) A VERCHERES	02OJ020	189
SAINT-LAURENT (FLEUVE) AU PONT MERCIER	02OA017	191
SAINT-LAURENT (FLEUVE) AU QUAI DE LA RUE FRONTENAC (MONTREAL)	02OA047	192
SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A BEAUHARNOIS	02MC019	194
SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A COTE-SAINTE-CATHER	02OA043	195
SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A SAINT-LAMBERT	02OA044	196
SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A BEAUHARNOIS	02MC020	197
SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A SAINT-LAMBERT	02OA045	198
SAINT-LOUIS (LAC) A POINTE-CLAIRE	02OA039	199
SAINT-MAURICE (RIVIERE) A LA CENTRALE DU RAPIDE BLANC	02MC002	201
SAINT-MAURICE (RIVIERE) AU RESERVOIR GOUIN	02MA003	201
SAINT-NICOLAS (BRAS) PRES DE SON EMBOUCHURE	02PH003	203
SAINT-PIERRE (LAC) AU CURB NO. 2	02OC016	204
SAINTE-ANNE (RIVIERE) A CHUTE-PANET-2	02PB020	205
SAINTE-ANNE (RIVIERE) EN AMONT DU BRAS DU NORD NO. 1	02PB003	206
SAINTE-ANNE (RIVIERE) PRES DE SAINT-RAYMOND-1	02PB008	207
SAINTE-PIERRE (LAC) A LOUISEVILLE	02OC003	208
SAKAMI (RIVIERE) A LA SORTIE DU LAC SAKAMI	03DE005	209
SAVANE (LAC DE LA)	02LC064	209
SCRYER (LAC)	02LD011	209
SEIZE ILES (LAC DES)	02LC035	210
SHIPSHAW (RIVIERE) AU RESERVOIR CHATCHIWAY	02RH004	210
SHIPSHAW (RIVIERE) AU RESERVOIR PIPMUACAN	02RH005	211
SIMARD (LAC) A LAFORCE	02JB012	211
SIMON (LAC)	02LD007	211
SINCENNES (LAC) AU RESERVOIR SINCENNES	02NB004	212
SOURIS (LAC DES)	02NG014	212
STURELY (LAC)	02OF023	213
SWAMPY BAY (RIVIERE)	03LD004	213
TASCHEREAU (LAC)	04MA007	213
TEMISCAMINGUE (LAC) A TEMISCAMING	02JE025	214
TEMISCAMINGUE (LAC) A VILLE-MARIE	02JE026	214
TOULNUSTOUC (RIVIERE) AU RESERVOIR STE-ANNE	02TC002	215
TRENTE ET UN MILLES (LAC DES) A PONT-CHO'ORT	02LH019	216
TRENTE ET UN MILLES (LAC DES) AU BARRAGE	02LH029	216
TROIS LACS (LES)	02OD008	217
TROIS SAUMONS (LAC)	02PG020	217
TRUITE (ETANG A LA)	02QB010	218
TUMULIC (RIVIERE) PRES DE L'EMBOUCHURE	03MC001	218
VALOIS (LAC)	02PC013	218
VICTORIA (LAC)	02JA001	219
VILLEBON (LAC)	03AC010	220
VINCELOTTE (LAC) A SON EXUTOIRE SUD	03DC004	221
WASWANIPI (RIVIERE) AU LAC WASWANIPI	03AB001	221
WATERLOO (LAC) A WATERLOO	02OG038	222
WATERLOO (LAC) EN AMONT DU BARRAGE	02OG044	222
YAMASKA (RIVIERE)	02OG005	223
YAMASKA NORD (RIVIERE) AU RESERVOIR CHOINIERE	02OG009	223

STATION NO.	NAME	PAGE
01AD005	MADAWASKA (RIVIERE) AU RESERVOIR TEMISCOUATA	60
01AD008	LONG (LAC) PRES DE LES ETROITS	62
01AD009	CABANO (RIVIERE) AU LAC LONG	15
01AD014	POHENEGAMOOK (LAC) A ESTCOURT	121
01BD004	MATAPEDIA (LAC) A VAL-BRILLANT	79
01BD005	LAC AU SAUMON	58
01BD008	MATAPEDIA (RIVIERE) PRES DE AMQUI	80
01BF002	NOUVELLE (RIVIERE) EN AVAL DU PONT	98
01BF003	NOUVELLE (RIVIERE) EN AMONT DU PONT	98
01BG007	CHALEURS (BAIE DES) A CARLETON	16
02JA001	VICTORIA (LAC)	219
02JA003	OUTAOUAIS (RIVIERE DES) AU RESERVOIR DOZOIS	113
02JB005	OUTAOUAIS (RIVIERE DES) AU BARRAGE DE RAPIDE-SEPT	112
02JB006	OUTAOUAIS (RIVIERE DES)	102
02JB008	OUTAOUAIS (RIVIERE DES) BARRAGE DES RAPIDES DES QUINZE	114
02JB009	OUTAOUAIS (RIVIERE DES) AU LAC GRANET	112
02JB011	QUINZE (LAC DES) A LA POINTE DU PIN ROUGE	131
02JB012	SIMARD (LAC) A LAFORCE	211
02JB017	QUINZE (LAC DES) A ANGLIERS	131
02JE005	KIPAWA (LAC) AU BARRAGE DE KIPAWA	54
02JE017	KIPAWA (LAC) A LANIEL	54
02JE025	TEMISCAMINGUE (LAC) A TEMISCAMING	214
02JE026	TEMISCAMINGUE (LAC) A VILLE-MARIE	214
02KA013	MAGANASIPI (RIVIERE) AU LAC JOHNSON	69
02KF004	OUTAOUAIS (RIVIERE DES) A QUYON	108
02KJ003	DUMOINE (RIVIERE) AU LAC DUMOINE	34
02KJ004	DUMOINE (RIVIERE) AU LAC ROBINSON	35
02LA015	OUTAOUAIS (RIVIERE DES) A HULL	107
02LB001	OUTAOUAIS (RIVIERE DES) A GRENVILLE	105
02LB025	OUTAOUAIS (RIVIERE DES) A CARILLON (AVAL)	104
02LB026	OUTAOUAIS (RIVIERE DES) A CARILLON (AMONT)	103
02LC009	MASSON (LAC) AU BARRAGE MASSON	78
02LC010	LUDGER (LAC) AU BARRAGE LUDGER	66
02LC011	NORD (RIVIERE DU) AU BARRAGE DE LA MONTAGNE NOIRE	96
02LC012	CORNU (LAC) AU BARRAGE-CORNU	29
02LC013	MANITOU (LAC) AU BARRAGE MANITOU	70
02LC014	PAPINEAU (LAC)	115
02LC015	NORD (RIVIER DU) AU BARRAGE BRULE	95
02LC016	SABLES (LAC DES) AU BARRAGE DES SABLES	142
02LC017	MULETS (RIVIERE AUX) AU BARRAGE THEODORE	92
02LC019	NORD (RUISSEAU) SUR LE CHEMIN SAINT-DOMINIQUE	97
02LC028	ROUGE (RIVIERE) EN AVAL DE LA RIVIERE BEVIN	141
02LC031	BEVIN (RIVIERE) A LAKEVIEW	8
02LC032	BEVIN (LAC) AU PONT-ROUTE 327	8
02LC033	MCDONALD (LAC) A LAKEVIEW	82
02LC034	DECHARGE DU LAC DES SEIZE ILES EN AVAL DU BARRAGE	31
02LC035	SEIZE ILES (LAC DES)	210
02LC038	MAROIS (LAC)	74
02LC039	SAINT-JOSEPH (LAC)	157
02LC040	ECHO (LAC)	36
02LC042	RAYMOND (LAC)	132
02LC062	BAPTISTE (LAC)	5
02LC064	SAVANE (LAC DE LA)	209
02LC066	ESCALIER (LAC)	38
02LC067	MONROE (LAC)	91
02LD007	SIMON (LAC)	211
02LD008	BARRIERE (LAC) AU BARRAGE	6
02LD011	SCRYER (LAC)	209
02LE003	LIEVRE (RIVIERE DU) A FERME ROUGE	60
02LE011	LIEVRE (RIVIERE DU) EN AVAL DE LA RIVIERE KIAMIKA	62
02LE014	MITCHINAMECUS (RIVIERE) AU RESERVOIR MITCHINAMECUS	89
02LE016	RASCAS (RUISSEAU) AU RESERVOIR MITCHINAMECUS	131
02LE017	KIAMIKA (RIVIERE) AU BARRAGE KIAMIKA	53
02LE019	ECORCES (LAC DES)	37
02LE020	ILES (LAC DES)	48
02LE021	LAC DES ILES (RIVIERE DU) AU LAC DES ILES	58
02LE022	ILES (LAC DES)	49
02LE023	ILES (LAC DES) AU PONT	50
02LF002	LIEVRE (RIVIERE DU) AU LAC DU POISSON BLANC	60
02LF004	LIEVRE (RIVIERE DU)	59
02LF016	LIEVRE (RIVIERE DU) EN AVAL DE LA CENTRALE DE BUCKINGHAM	61
02LG003	GENS DE TERRE (RIVIERE) AU RESERVOIR CABONGA	47
02LG007	GATINEAU (RIVIERE) AU RESERVOIR BASKATONG	46
02LH001	GATINEAU (RIVIERE) A MANIWAKI	44
02LH007	GATINEAU (RIVIERE) A BOUCHETTE	42
02LH009	GATINEAU (RIVIERE) A LA CENTRALE DE PAUGAN-FALLS	43
02LH019	TRENTE ET UN MILLES (LAC DES) A PONT-CONFORT	216
02LH029	TRENTE ET UN MILLES (LAC DES) AU BARRAGE	216
02MC005	SAINT-LAURENT (FLEUVE) A POINTE-DES-CASCADES	178
02MC016	SAINT-LAURENT (FLEUVE) A COTEAU-LANDING	164
02MC017	SAINT-LAURENT (FLEUVE) A COTEAU-DU-LAC	162
02MC019	SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A BEAUHARNOIS	194
02MC020	SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A BEAUHARNOIS	197
02NA003	SAINT-MAURICE (RIVIERE) AU RESERVOIR GOUIN	201
02NB001	MANOUANE (RIVIERE) AU RESERVOIR CHATEAU VERT	71
02NB003	MANOUANE (RIVIERE) AU RESERVOIR KEMPT	72
02NB004	SINCENNES (LAC) AU RESERVOIR SINCENNES	212
02NB005	MONDONAC (RIVIERE) AU RESERVOIR MONDONAC	90
02NB006	MANOUANE (RIVIERE) AU RESERVOIR MANOUANE	73
02NC002	SAINT-MAURICE (RIVIERE) A LA CENTRALE DU RAPIDE BLANC	201
02NE009	CINCONSINE (RUISSEAU) AU RESERVOIR CINCONSINE	27
02NF002	MATAWIN (RIVIERE) AU RESERVOIR MATAWIN	81
02NG010	SAINT-LAURENT (FLEUVE) A TROIS-RIVIERES	185
02NG014	SOURIS (LAC DES)	212
02NG017	PILES (LAC DES)	120
02OA002	PRAIRIES (RIVIERE DES) A CARTIERVILLE	123
02OA003	MILLE ILES (RIVIERE DES) A BOIS-DES-FILION	86
02OA004	PRAIRIES (RIVIERE DES) AU RAPIDE DU CHEVAL BLANC	129
02OA006	PRAIRIES (RIVIERE DES) A AHUNTSIC	122
02OA012	CHATEAUGUAY (RIVIERE) A CHATEAUGUAY-CENTRE	19
02OA013	OUTAOUAIS (RIVIERE DES) A SAINTE-ANNE-DE-BELLEVUE	110
02OA015	MILLE ILES (RIVIERE DES) A LAVAL OUEST	86
02OA016	SAINT-LAURENT (FLEUVE) A LASALLE	171
02OA017	SAINT-LAURENT (FLEUVE) AU PONT MERCIER	191
02OA018	PRAIRIES (RIVIERE DES) AUX RAPIDES DU CHEVAL BLANC	130
02OA019	PRAIRIES (RIVIERE DES) A ROXBORO	127
02OA020	PRAIRIES (RIVIERE DES) A DUVERNAY EST	125
02OA021	DEUX MONTAGNES (LAC DES) AU QUAI DE VAUDREUIL	32
02OA026	BELLE RIVIERE (RIVIERE) AU BARRAGE PRES DE SAINTE-SCHOLASTIQUE	7
02OA028	CHENE (RIVIERE DU) AU SUD DU VILLAGE DE BELLE-RIVIERE	23
02OA032	CHIENS (RIVIERE AUX) PRES DE BOISBRIAND	26
02OA033	OUTAOUAIS (RIVIERE DES) A LA MARINA DE SAINTE-ANNE-DE-BELLEVUE	107
02OA038	PRAIRIES (RIVIERE DES) A PONT VIAU	126
02OA039	SAINT-LOUIS (LAC) A POINTE-CLAIRE	199
02OA040	SAINT-LAURENT (FLEUVE) A LACHINE	169
02OA041	SAINT-LAURENT (FLEUVE) A LA PRAIRIE	167
02OA043	SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A COTE-SAINTE-CATH	195
02OA044	SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A SAINT-LAMBERT	196
02OA045	SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A SAINT-LAMBERT	198
02OA046	SAINT-LAURENT (FLEUVE) A MONTREAL (JETEE NO. 1)	174

STATION NO.	NAME	PAGE
02OA047	SAINT-LAURENT (FLEUVE) AU QUAI DE LA RUE FRONTENAC (MONTREAL)	192
02OA048	SAINT-LAURENT (FLEUVE) A LONGUE-POINTE	173
02OA049	SAINT-LAURENT (FLEUVE) A POINTE-AUX-TREMBLES	177
02OA050	SAINT-LAURENT (FLEUVE) A VARENNES	187
02OA069	PRAIRIES (RIVIERE DES) A SAINTE-GENEVIEVE-DE-PIERREFONDS	120
02OA075	PRAIRIES (RIVIERE DES) A SAINT-VINCENT DE PAUL	120
02OA076	PRAIRIES (RIVIERE DES) A L'ILE MAHEU	125
02OA088	MILLE-ILES (RIVIERE DES) AU BARRAGE DE TERREBONNE	87
02OB004	L'ASSOMPTION (RIVIERE) A CHARLEMAGNE	55
02OB006	L'ASSOMPTION (RIVIERE) A L'ASSOMPTION	56
02OB009	SAINT-LAURENT (FLEUVE) A REPENTIGNY	181
02OB010	SAINT-LAURENT (FLEUVE) A LAVALTRIE	172
02OB011	FLEUVE A SAINT-LAURENT A LANORAIE	39
02OB012	ACHIGAN (RIVIERE DE L') ECHELLE NO.1	3
02OB013	ACHIGAN (RIVIERE DE L') ECHELLE NO.2	3
02OB014	ACHIGAN (RIVIERE DE L') ECHELLE NO.3	3
02OB018	ACHIGAN (LAC DE L')	2
02OB019	OUAREAU (LAC)	99
02OB020	ILES (LAC DES) A ENTRELACS	49
02OB028	ARCHAMBAULT (LAC)	4
02OC003	SAINTE-PIERRE (LAC) A LOUISEVILLE	208
02OC006	MASKINONGE (RIVIERE) AU BARRAGE DE SAINT-DIDALE	76
02OC007	MASKINONGE (LAC) A SAINT GABRIEL DE BRANDON	75
02OC009	SACACOMIE (LAC)	144
02OC016	SAINT-PIERRE (LAC) AU CURB NO. 2	204
02OD002	SAINT-LAURENT (FLEUVE) A PORT-SAINT-FRANCOIS	180
02OD004	NICOLET SUD-OUEST (RIVIERE) A LA VISITATION	95
02OD008	TROIS LACS (LES)	217
02OD009	BULSTRODE (RIVIERE) A SAINT-VALERE-2	15
02OD010	BULSTRODE (RIVIERE) A SAINT-VALERE-1	14
02OE004	SAINT-FRANCOIS (RIVIERE) A ASCOT	147
02OE005	SAINT-FRANCOIS (RIVIERE) A SHERBROOKE	151
02OE010	COATICOOK (RIVIERE) PRES DE NORTH-COATICOOK	28
02OE012	MEMPHREMAGOG (LAC) A MAGOG	84
02OE015	LOVERING (LAC)	66
02OE024	SAINT-FRANCOIS (RIVIERE) AU RESERVOIR SAINT-FRANCOIS	154
02OE025	SAINT-FRANCOIS (RIVIERE) AU RESERVOIR AYLMER	153
02OE040	COATICOOK (RIVIERE) EN AMONT DU PONT A WATERVILLE	27
02OE043	MASSAWIPPI (RIVIERE) PRES DE LA RIVIERE SAINT-FRANCOIS	77
02OE045	MASSAWIPPI (LAC) A NORTH HATLEY	78
02OE066	LOUISE (LAC)	65
02OE070	SAINT-FRANCOIS (RIVIERE) EN AVAL DU RESERVOIR AYLMER-1	155
02OE071	SAINT-FRANCOIS (RIVIERE) EN AVAL DU RESERVOIR AYLMER-2	155
02OF001	SAINT-FRANCOIS (RIVIERE) A RICHMOND-1	149
02OF009	SAINT-FRANCOIS (RIVIERE) A BROMPTONVILLE	148
02OF010	SAINT-FRANCOIS (RIVIERE) AU BARRAGE LAROCQUE	153
02OF014	SAINT-FRANCOIS (RIVIERE) A DRUMMONDVILLE	148
02OF015	BROMPTON (LAC)	14
02OF023	STUKELY (LAC)	213
02OG005	YAMASKA (RIVIERE)	223
02OG009	YAMASKA NORD (RIVIERE) AU RESERVOIR CHOINIERE	223
02OG021	BROME (LAC) A KNOWLTON	12
02OG024	BROME (LAC) AU BARRAGE	13
02OG038	WATERLOO (LAC) A WATERLOO	222
02OG044	WATERLOO (LAC) EN AMONT DU BARRAGE	222
02OH001	CHAMPLAIN (LAC) A PHILIPSBURG	17
02OH004	ARGENT (LAC D') A EASTMAIN	4
02OH009	ORFORD (LAC)	99
02OJ001	RICHELIEU (RIVIERE) A SAINT-JEAN	135
02OJ006	RICHELIEU (RIVIERE) A CANTIC	133
02OJ012	RICHELIEU (RIVIERE) EN AMONT DU BARRAGE FRYERS	137
02OJ013	RICHELIEU (RIVIERE) EN AVAL DU BARRAGE FRYERS	139
02OJ016	RICHELIEU (RIVIERE) A LA MARINA DE SAINT-JEAN	134
02OJ018	RICHELIEU (RIVIERE) AMONT ELLUSE ST-OURS	136
02OJ020	SAINT-LAURENT (FLEUVE) A VERCHERES	189
02OJ021	SAINT-LAURENT (FLEUVE) A CONTRECOEUR	161
02OJ022	SAINT-LAURENT (FLEUVE) A SOREL	183
02OJ027	SAINT-LAURENT (FLEUVE) A TRACY	184
02PA004	SAINT-LAURENT (FLEUVE) A CHAMPLAIN	160
02PA005	SAINT-LAURENT (FLEUVE) A BATISCAN	158
02PA009	SABLES (LAC AUX)	142
02PB003	SAINTE-ANNE (RIVIERE) EN AMONT DU BRAS DU NORD NO. 1	206
02PB008	SAINTE-ANNE (RIVIERE) PRES DE SAINT-RAYMOND-1	207
02PB020	SAINTE-ANNE (RIVIERE) A CHUTE-PANET-2	205
02PB036	BLANC (LAC)	9
02PC004	JACQUES-CARTIER (RIVIERE) AU RESERVOIR JACQUES-CARTIER	51
02PC005	SAINT-LAURENT (FLEUVE) A GRONDINES	166
02PC006	SAINT-LAURENT (FLEUVE) A PORTNEUF	180
02PC007	SAINT-LAURENT (FLEUVE) A NEUVILLE	175
02PC011	PINS (RIVIERE AUX) AU RESERVOIR SAINT-JOSEPH	120
02PC013	VALOIS (LAC)	218
02PC014	CHAMPLAIN (LAC)	17
02PD005	MONTMORENCY (RIVIERE) EN AVAL DU RUISSEAU DES BRULES	91
02PD007	SAINT-CHARLES (RIVIERE) AU RESERVOIR SAINT-CHARLES	147
02PD008	SAINT-CHARLES (RIVIERE) AU BARRAGE DE CHATEAU D'EAU	146
02PD017	LAFLAMME (LAC) A LA FORET DE MONTMORENCY	59
02PF003	JACK (LAC A)	50
02PG001	LOUP (RIVIERE DU) A LA ROUTE NO. 232	64
02PG006	LOUP (RIVIERE DU) A SAINT-JOSEPH-DE-KAMOURASKA	64
02PG009	FOURCHUE (RIVIERE) AU RESERVOIR MORIN	41
02PG020	TROIS SAUMONS (LAC)	217
02PH003	SAINT-NICOLAS (BRAS) PRES DE SON EMBOUCHURE	203
02PJ001	MEGANTIC (LAC) A MEGANTIC	83
02PJ002	CHAUDIERE (RIVIERE) EN AVAL DU RUISSEAU DROLET	23
02PJ005	CHAUDIERE (RIVIERE) A SAINT-LAMBERT-DE-LEVIS	20
02PJ006	CHAUDIERE (RIVIERE) A SAINTE-MARIE	21
02PJ012	CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE A MEGANTIC	22
02PJ014	CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE SARTIGAN	22
02PJ015	CHAUDIERE (RIVIERE) AU RESERVOIR SARTIGAN	21
02PK001	SAINT-LAURENT (FLEUVE) A CAP-A-LA-ROCHE	159
02QB008	MATANE (RIVIERE) AU RESERVOIR MATHIEU-D'AMOURS	79
02QB009	MATANE (LAC)	79
02QB010	TRUITE (ETANG A LA)	218
02QB016	DUVIVIER (LAC)	35
02RA001	BONNARD (RIVIERE) AU RESERVOIR MANOUANE	10
02RB001	MANOUANE (RIVIERE) AU RESERVOIR MANOUANE	74
02RC002	PERIBONCA (RIVIERE) A LA CENTRALE DE CHUTE-A-LA-SAVANE	116
02RC005	PERIBONCA (RIVIERE) AU RESERVOIR DE LA PASSE DANGEREUSE	117
02RC007	PERIBONCA (RIVIERE) A LA CENTRALE DE LA CHUTE DU DIABLE	116
02RC008	PERIBONCA (RIVIERE) EN AVAL DE LA CENTRALE CHUTE DU DIABLE	118
02RC009	PERIBONCA (RIVIERE) EN AVAL DE LA CENTRALE DE CHUTE-A-LA-SAVAN	119
02RE001	OUASIEMSCA (RIVIERE) EN AVAL DE LA RIVIERE MICOSAS	100
02RE004	JIM (LAC A)	42
02RG002	SAINT-JEAN (LAC) PRES DE SAINT-HENRI-DETAILLON	157
02RG003	SAINT-JEAN (LAC) A SAINT-GEDEON	157
02RG007	OUIATCHOUANE (RIVIERE) AU RESERVOIR DES COMMISSAIRES	101
02RG009	BOUCHETTE (LAC)	11
02RG010	SAINT-JEAN (LAC) A ROBERVAL	156
02RG013	SAINT-JEAN (LAC) A LA POINTE SCOTT	156
02RG014	BEAU PORTAGE (LAC DU)	6

STATION NO.	NAME	PAGE
02RG015	LOUIS (LAC)	63
02RG016	ROND (LAC)	141
02RG019	OUTOUI (LAC)	102
02RG020	SAINT-JEAN (LAC) A ROBERVAL (PRES DE LA MARINA)	156
02RH002	CHICOUTIMI (RIVIERE) AU RESERVOIR KENOGAMI	75
02RH004	SHIPSHAW (RIVIERE) AU RESERVOIR OMATCHIWAY	210
02RH005	SHIPSHAW (RIVIERE) AU RESERVOIR PIPMUACAN	211
02RH014	SABLES (RIVIERE AUX) AU RESERVOIR KENOGAMI	143
02RH017	SAGUENAY (RIVIERE) A LA CENTRALE DE LA CHUTE A CARON	144
02RH018	SAGUENAY (RIVIERE) EN AVAL DE LA CHUTE A CARON	146
02RH019	SAGUENAY (RIVIERE) A LA CENTRALE DE SHIPSHAW	145
02RH020	SAGUENAY (RIVIERE) EN AVAL DE LA CENTRALE DE SHIPSHAW	145
02RH028	CREEK OUTLET	30
02SB002	BETSIAMITES (RIVIERE) AU RESERVOIR PIPMUACAN	7
02TB001	HART JAUNE (RIVIERE) AU RESERVOIR PETIT MANICOUAGAN	48
02TC002	TOULNUSTOUC (RIVIERE) AU RESERVOIR STE-ANNE	215
02TC004	MANICOUAGAN (RIVIERE) A LA CENTRALE NO. 5	70
02TE002	OUTARDES (RIVIERE AUX) A LA CENTRALE NO. 4	115
02TE003	OUTARDES (RIVIERE AUX) A LA CENTRALE NO. 3	114
02UC005	MATAMEC (RIVIERE)	78
02VB004	MAGPIE (RIVIERE) A LA SORTIE DU LAC MAGPIE	69
02XA007	PETIT MECATINA (RIVIERE DU) EN AVAL DU LAC BRETON	119
02XB002	COXIPI (RIVIERE) A LA SORTIE DU LAC COXIPI	30
03AA003	DORE (LAC) A L'ILE MERRILL-1	33
03AA004	DORE (LAC) A L'ILE MERRILL	33
03AA005	DORE (LAC) DANS LA BAIE BATEMAN	34
03AA006	CHIBOUGAMAU (LAC) DANS LA BAIE DU COMMENCEMENT	24
03AA007	CHIBOUGAMAU (LAC) DANS LA BAIE QUEYLUS	24
03AB001	WASWANIPI (RIVIERE) AU LAC WASWANIPI	221
03AC010	VILLEBON (LAC)	220
03AD002	ALLARD (RIVIERE)	3
03BA001	MISTASSINI (LAC)	88
03BC001	NEMISCAU (LAC)	93
03CE002	OPINACA (RESERVOIR) A LA DIGUE OA-10	98
03DA001	NICHICUN (LAC)	94
03DC004	VINCELOTTE (LAC) A SON EXUTOIRE SUD	221
03DC005	FONTANGES (BASSIN) A LA DIGUE KD-15	40
03DE005	SAKAMI (RIVIERE) A LA SORTIE DU LAC SAKAMI	209
03DE007	FREGATE (LAC DE LA)	41
03EA002	BIENVILLE (LAC)	9
03FA003	LOUPS MARINS (LAC DES)	65
03FB001	EAU CLAIRE (RIVIERE A L') A LA SORTIE DU LAC L'EAU CLAIRE	36
03FC008	BALEINE (PETITE RIVIERE DE LA) EN AMONT DU CHENAL ANCEL	5
03GD002	POVUNGNITUK (LAC DE)	121
03GD003	QUALLUVIARTUNG (LAC)	130
03JA002	MINTO (LAC)	87
03LB003	CANIAPISCAU (RIVIERE) A DUPLANTIER	16
03LB005	CANIAPISCAU (RESERVOIR) A DUPLANTIER	16
03LD004	SWAMPY BAY (RIVIERE)	213
03MB001	FALSE (RIVIERE)	38
03MC001	TUNULIC (RIVIERE) PRES DE L'EMBOUCHURE	210
04MA001	MACAMIC (LAC) A MACAMIC	67
04MA003	LA SARRE (RIVIERE) PRES DE LA SARRE	57
04MA004	ABITIBI (LAC)	1
04MA005	DESVAUX (LAC)	31
04MA006	ROBERTSON (LAC)	140
04MA007	TASCHEREAU (LAC)	213